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THE CHEMIST and DRUGGIST OCTOBER 11, 1947

The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALER - MANUFACTURER

Established 1859 28 Essex Street, Strand, London, W.C.2. Registered as a Newspaper

No. 3529 VOL. CXLVIII OCTOBER 11, 1947 Annual Subscription (with Diary) 30/-. Single Copies 1/-

introducing

TRADE MARK

'ANTHISAN'

BRAND

pyranisamine maleate

a recent advance in the treatment of allergic conditions

'ANTHISAN' is a substance with a powerful antihistaminic activity and of low toxicity. Following encouraging reports on its use in the treatment of serum sickness, angio-neurotic oedema, hay fever, vasomotor rhinitis and allergic skin conditions it is now made available, in limited quantities.

Further information is available from our Sales Department, (phone ILFord 3060: ext. 68—Trade; ext. 27—Hospitals)

LIMITED SUPPLIES OF 'ANTHISAN' ARE NOW AVAILABLE AS FOLLOWS

Tablets: containers of 25 x 0.10 gramme
500 x 0.10 gramme
Ampoules: boxes of 10 x 2 c.c.
50 x 2 c.c.

manufactured by

MAY & BAKER LTD.

distributors

PHARMACEUTICAL SPECIALITIES (MAY & BAKER) LTD. DAGENHAM

47184

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CRESANTOL-15

HIGH *in efficiency*

LOW *in cost*

... *and readily available*

The high germicidal efficiency of Cresantol-15—its R.W. coefficient is 65 when suitably formulated—is not by any means the only advantage this Monsanto germicide offers in the manufacture of modern antiseptic fluids. In these days of shortages, the ready availability of Cresantol-15 is of major importance. And, when you add *low-cost* to both these advantages, Cresantol-15 is well worthy of consideration if you are contemplating the manufacture of an efficient antiseptic fluid.. Monsanto Chemicals Limited, Victoria Station House, London, S.W. 1.

SERVING INDUSTRY WHICH SERVES MANKIND

For full general, technical and application data on Cresantol-15 write for Technical Service Bulletin No. 2B

MONSANTO CHEMICALS

FAREX...

PRIORITY for weaning

Confidence in Farex is based on sound results . . . . practical success as an infant weaning food over many years. Good reason, therefore, why customers insist on Farex for their babies — and why Farex should be available to meet their needs.

Farex, of course, is no ordinary cereal food. It is, in fact, *three* cereals blended with tonic minerals and vitamin D. With Farex and milk as the basis of the diet, the business of weaning to solid foods is reduced to its simplest and safest terms. Moreover, Farex is already cooked — another feature of particular appeal to the busy mother.

Please give priority to Farex for use as a weaning food ; place your orders regularly each month, and so help to ensure that no baby goes short.

GLAXO

FAREX the *3-cereal* food . . . 10 oz. cartons 1/-

GLAXO LABORATORIES LTD., GREENFORD, MIDDLESEX. BYRon 3434

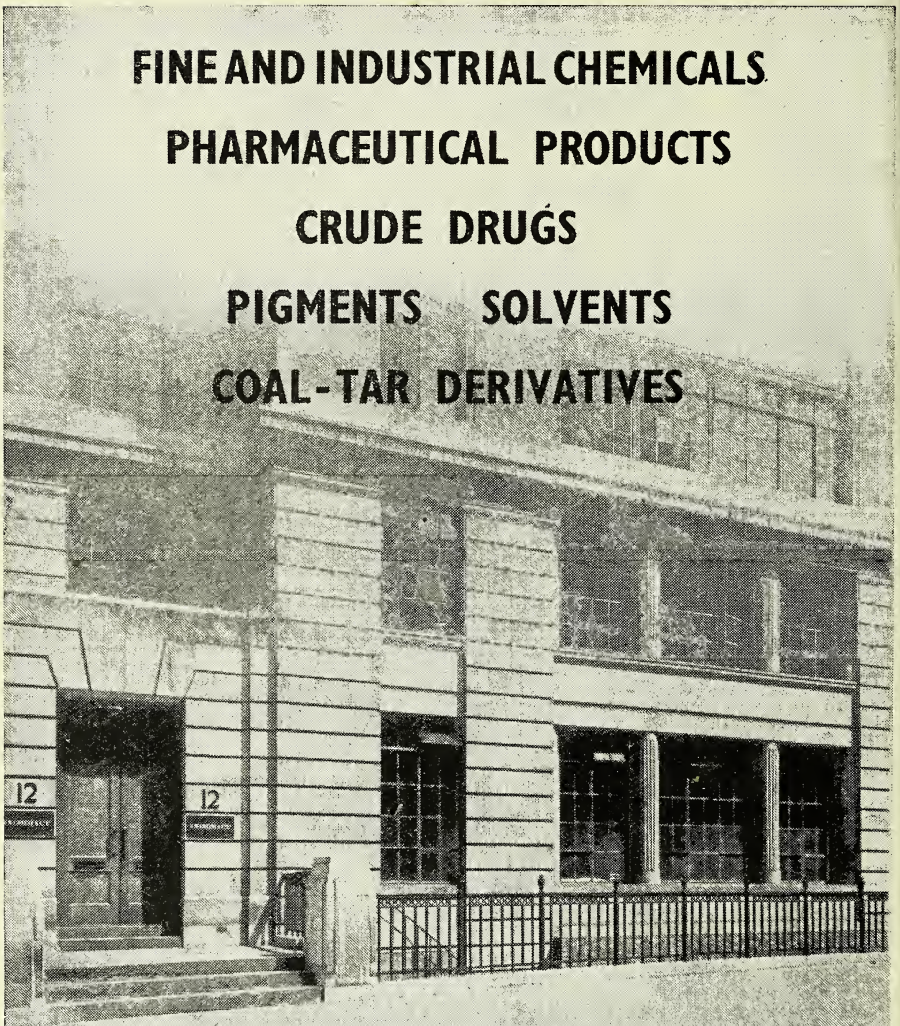
FINE AND INDUSTRIAL CHEMICALS

PHARMACEUTICAL PRODUCTS

CRUDE DRUGS

PIGMENTS SOLVENTS

COAL-TAR DERIVATIVES



R. W. GREEFF & CO., LTD.

HEAD OFFICE

12, FINSBURY CIRCUS, LONDON, E.C.2

LONDON WALL 5241 WIRES: GREEFF, AVE, LONDON

and at

THE ROYAL EXCHANGE, MANCHESTER

BLACKFRIARS 9407-8 WIRES: GREEFF, MANCHESTER

TO EASE THE SOAP SHORTAGE

Recommend

PYNOKLEN No. 2

THE DETERGENT DOMESTIC CLEANSER

- Deodorant
- Non-poisonous
- Non-corrosive
- Free from resin

Pynoklen can be used for all types of cleansing, including removal of grease from hands, clothes, kitchen utensils and paintwork.

Bottles of 1 pint 1/3 retail

Tins of 1 gallon 6/- „

Made in England by

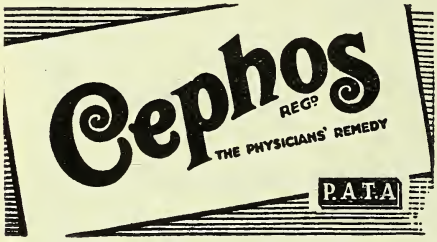
EVANS MEDICAL SUPPLIES LTD

Liverpool and London

OVERSEAS COMPANIES & BRANCHES: AUSTRALIA, BRAZIL, CHINA, EIRE, INDIA, MALAYA, PALESTINE, SOUTH AFRICA

147-14/7

We don't like to remind you of Winter, *but we have no hesitation in reminding you to look to your stocks of*



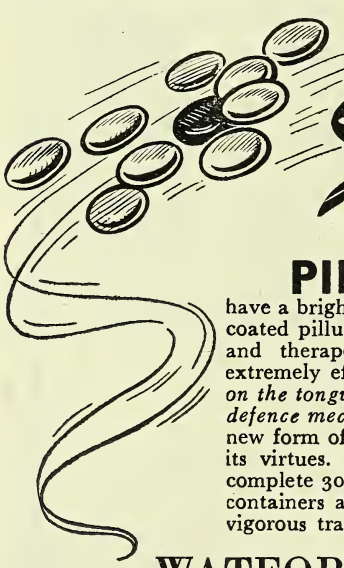
CEPHOS LTD. BLACKBURN

Established 1872

Labels—
Cartons—
Envelopes—

& EVERY DESCRIPTION OF MEDICAL PRINTING

ALF. HARRISON & SONS LTD.
Chemists' Printers
BURLEY ROAD, LEEDS, 4.
TELEPHONE: LEEDS 52666-9 TELEGRAMS: IDEAS LEEDS



Shape of
THINGS TO COME

PILLODINES—we venture to prophesy—have a bright and promising future ahead of them. These tiny silver coated pillules of specially treated iodine have striking prophylactic and therapeutic qualities that tackle the common cold in an extremely efficacious and unusual manner. *When dissolved slowly on the tongue they instantly mobilise and bring into action the body defence mechanism.* We are confident that once introduced to this new form of cold immunisation the public will be swift to recognise its virtues. A series of Chemists' window displays featuring the complete 30-day Pillodine treatment in the new 3/6d. one-at-a-time containers are now available. These will be the fore-runner of a vigorous trade and national press advertising campaign.

WATFORD CHEMICAL CO. LTD.

Telephone: WELbeck 0264/8 30 BAKER STREET, LONDON, W.1 Telegrams: Watchempro', Wesdo, London

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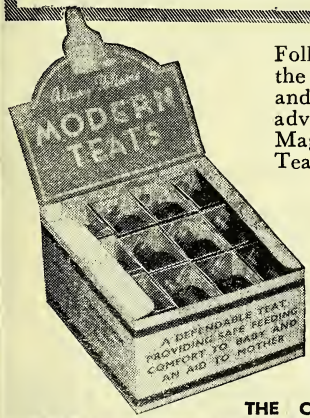

Following widespread acceptance of the new anti-colic design by Nursing and Medical Authorities, extensive advertising support in the National Press and Women's Magazines is rapidly stimulating demand for the "Modern" Teat. The "Modern" Teat is available in attractive counter display outers of three dozen, through wholesalers only. Fixed retail selling price 6d.

The "MODERN" ANTI-COLIC TEAT

THE CANNON RUBBER MANUFACTURERS, LTD., LONDON, N.17

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The WINTER MONTHS will soon be here...

We anticipate the usual rush of orders for PENETROL INHALANT to meet the heavy winter demand. There will be the customary increased National advertising from October to March for this established proprietary. Send us details of your requirements. The trade can rely upon us to distribute available supplies promptly and fairly as in the past.

On the P.A.T.A. *Protected List*

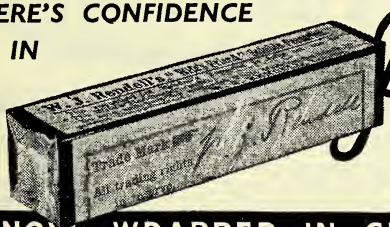
W. B. CARTWRIGHT LIMITED · RAWDON · LEEDS

ON Both SIDES OF THE COUNTER —

— there's approving comment that the familiar Rendells red box is once more dressed for sale in transparent 'Cellophane' cellulose wrappers. The resumption of this modern and hygienic method of presenting quality goods is in line with the established Rendells' policy — to maintain and enhance the confidence which Rendells products have won from three generations of chemists and consumers.

If you still have on hand any unwrapped stocks of Rendells Pessaries, please return them to us for replacement, writing your name, address and number of boxes on cover, Postage will be refunded.

THERE'S CONFIDENCE IN



Rendells

NOW WRAPPED IN CELLULOSE FILM AGAIN

W. J. RENDELL LTD HARDWICK HOUSE 161-5 ROSEBERY AVE, LONDON E.C.1

C·O·B

CHEMIST'S OWN BRAND

•

A method of Packaging being adopted everywhere by Pharmacists who are interested in building sales for their products packed under their own exclusive brand mark in modern attractive style.

This outstanding Packaging service

... ensures better sales and repeat business

... advertises and adds distinction to the Pharmacy

and it costs the Pharmacist

NOTHING

Write for full details—

ARTHUR H.
COX
& CO. LTD. BRIGHTON

Nearly Five times the Profit

FOR ONE-SIXTH OF THE TROUBLE

The 24/- size 'Curicones'—the FULL treatment—is the size your customers ask for. This choice is wise both from their point of view and your own.

YOU ENJOY THESE ADVANTAGES BY STOCKING THE CURICONES 24/- SIZE

1. You make nearly five times the profit for one sixth of the trouble. (The 24/- size contains six times the quantity of the 5/- size).

2. You sell the equivalent of six bottles of 'Curicones' at one sale—and thus avoid the customer buying only one bottle from you, and the other five bottles elsewhere.

3. Your turnover is quicker. Time is saved.

4. You are cementing goodwill. Obstinate cases of Rheumatic affliction yield to the full course of 'Curicones.'

ORDER A ¼ DOZ. FROM YOUR WHOLESALER TO-DAY—and satisfy your customers.

CURICONES

for the relief of P.A.T.A.

RHEUMATISM *and* KINDRED ILLS

Remember 'Curicones' is a P.A.T.A. Line showing 33⅓% profit, nationally advertised and recommended by the medical profession. Showcard sent on request.

Large Size **24/-**

STEPHEN MATTHEWS & COMPANY LIMITED
19/21 FARRINGDON STREET, LONDON, E.C.4.

LUCOZADE

Exemption from Purchase Tax

We are pleased to announce that LUCOZADE has become exempt from Purchase Tax as and from September 22nd, 1947. All stocks despatched on or after that date have been, and will be, labelled with the new retail price as follows :—

MAXIMUM RETAIL PRICE	BOTTLE DEPOSIT CHARGE	TOTAL CHARGE TO PURCHASER
2s. 3d. Per Bottle	**3d.** Per Bottle	**2s. 6d.** Per Bottle

ORDERS

From September 22nd all orders will be invoiced at the terms mentioned hereunder. Supplies of LUCOZADE may be obtained at the respective display terms with orders for (1) Medicinal Parcels, and (2) Assorted Parcels to the nett value of £10, as described in our Price List. Terms to direct buyers only :

LUCOZADE Tonic Food Beverage Bottle Charge 3d. P.A.T.A.	Minimum Pack	PRICES PER DOZEN		
		Standard Wholesale Terms	Intermediate Display Terms	Best Display Terms
	1 DOZEN	20s. 3d.	19s. 9d.	19s. 3d.

EMPTIES

As packaging materials are scarce, the production of LUCOZADE is dependent on the continuous return of empty bottles with stoppers and cardboard containers, for which the deposit charge of 3d. per bottle will be refunded. Empties should now be despatched to our new factory at the following address :—

Macleans Limited, Vicars Lane, South Gosforth, Newcastle-on-Tyne, 3

Consignments of empties should be sent "carriage forward", in accordance with our contracts with Railway and Carrier Services, using the special consignment notes distributed by our representatives when booking orders for LUCOZADE.

REFUND OF BOTTLE CHARGES. Cash refunds of bottle charges will be made by our representatives when they collect the "Carriers' Receipt for Empties" which is attached to the special consignment note.

COMMUNICATIONS. All communications relating to LUCOZADE or empties should be addressed to the Registered Offices at Great West Road, Brentford, Middlesex. We regret that we cannot yet supply all the LUCOZADE needed but we aim to maintain a fair distribution to meet the urgent demands in all districts. Nothing will help us more than your continuous return of empties. Thank you!

THE COOPER LABORATORY · CL

ESTABLISHED 1904

Specialists in the manufacture of Tablets and Pills

40 years of Specialised Manufacturing Experience assure you of

QUALITY and ACCURACY

PACKED TABLETS, with Chemist's Own Name Labels if desired, supplied in 2 sizes 25's and 100's (with a few exceptions packed in 50's only).

BULK TABLETS, including NF and NWF lines, supplied in convenient quantities from 100 upwards.

The Cooper Laboratory

Telephone: 3612 *Watford* Telegrams: "Science"

C.V.B

CARR'S VITAMIN B_1

PREPARED WHEAT GERM

A RICH SOURCE OF VITAMIN B_1

Eaten as a cereal or sprinkled on other cereals, stewed fruit, etc.

ONLY FROM CHEMISTS

3/- per large (14 oz.) packet

TRADE:

27/- doz. Case of 2 doz. 54/-

Net Delivered Case 3/- returnable

IN VERY SHORT SUPPLY AND ON QUOTA

CARR'S FLOUR MILLS Ltd., CARLISLE

SUNRAY (REGD.)

MALT WINE PRODUCTS

A quick selling and profitable line for Wine Licence Holders.

	Fixed Max. Price
GINGER WINE	12/6
ORANGE WINE	12/6
SWEET & DRY WINE	10/6
VELVET LADY COCKTAIL	12/6
MORELLO COCKTAIL	14/6
SWEET NELL COCKTAIL	14/6

Trade enquiries to

RICHARD DAVIS LTD.

49. Old Bond Street, London, W.1.

Est. 1864

First with the Best Goods

BY RETURN !

FOR SOME TIME PAST ALL JOURNEY AND POST ORDERS FOR STOCK GOODS WHICH ARE IMMEDIATELY AVAILABLE HAVE BEEN EXECUTED BY RETURN. ALL STRAIGHT-FORWARD INVOICES ARE POSTED PROMPTLY.

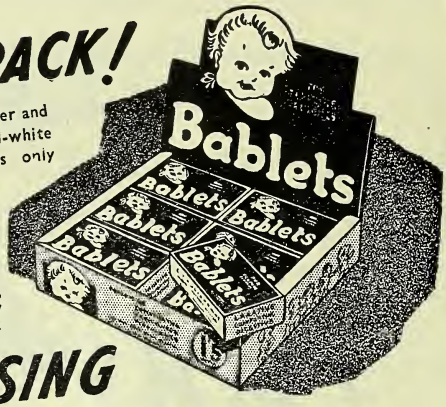
● **PART OF THE MAW SERVICE**

The House of Maw
SUNDRIES · Proprietaries · AGENCY LINES · Shopfitting

S. MAW, SON & SONS, LTD., ALDERSGATE HOUSE, NEW BARNET, HERTS.

NEW DISPLAY PACK!

A really attractive display pack for your counter and window. The new Bablets outer in blue-and-white contains twelve Bablets cartons, but occupies only 6 by 4 inches of display space.



NEW CARTON!

In tone with the display pack, the carton, too, has been modernised, and Bablets are now presented in a small, neat, wallet-type box containing 36 tablets.

& NEW ADVERTISING

(NOW BEING PREPARED)

Every young mother is a potential 5-year buyer of Bablets — the tiny tablets invaluable for Babyhood's little ills. *Ample supplies are now available from usual wholesale sources*

G. T. FULFORD CO., LTD. (of Canada), Hatch End, Middlesex.

P.A.T.A.

TO HELP MAKE

Bablets

Gently Laxative

A FIRST-CLASS SELLING LINE!

An Old Favourite!

BLAKEY'S MALTED OATMEAL

"Cooks in ONE minute"

10d. PACKETS - 1/10 TINS

Famous Fifty Years
Still Unbeatable
Sells Everywhere
Summer AND *Winter*

ALL ENQUIRIES TO—

BLAKEY'S FOOD CO. LTD.
LINCOLN
TEL. 699

HARRINGTONS Brand
ASPIRINS

7½ & 5 grain Packed 10's to 1,000's
HOME AND EXPORT
London Office : 2 BERRIDGE Grn., EDGWARE, LONDON

EXTEND YOUR TRADE
USE A TRADE MARK
CONSULT
TRADE MARK PROTECTION SOCIETY
12, CHURCH STREET LIVERPOOL.

NIPITS

TEASDALE & CO. LTD., CARLISLE

Richard Daniel & Son Ltd

PROPRIETARIES
SUNDRIES DRUGS
TABLETS & PILLS

FOR
CHEMISTS

Manufacturing Chemists

Head Office & Works Mansfield Road Derby Telephone 4266 (3 lines) Branch Warehouse Grosvenor St. Ashton-under-Lyne Telephone 2816 (2 lines)

THE
CHEMISTS'
PRINTERS

FOR OVER SIXTY YEARS

THOMAS WAIDE & SONS, LTD.
KIRKSTALL HILL
LEEDS

PATA

BONOMINT

Supplied in 2 sizes
6 and 16 tablets

Each two tablets hygienically packed in transparent cellulose.

From your C. F. Wholesaler or, in case of difficulty, from the manufacturers :—

WESTMINSTER LABORATORIES, LTD.
Chalcot Road, London, N.W.1
Telephone: PRImrose 3395/6/7

50 Years' Test—
has proved the value
of

GET YOUR CUSTOMER TO TRY IT!
Retail price (including tax) 1/8
(Wholesale terms 12/- doz. Tax 2/- doz.)
LOFTHOUSE & SALTMER, LIMITED, HULL

BLYTON ASTLEY & CO., LTD.
Eagle Laboratories
LOWER BROUGHTON, MANCHESTER
thank their customers for their patience and forbearance during these difficult times, and assure them that every effort is being made to supply quickly lines which they have previously purchased.

GROUND
DRIED YEAST
MIDGLEY & PARKINSON, LTD.
WARREN WORKS, PUDSEY, LEEDS

RETAIL 6d. From all Wholesalers.
ALFRED FRANKS & BARTLETT CO. LTD.
AUDREY HOUSE, ELY PLACE, HOLBORN CIRCUS, LONDON, E.C.1.

Fine CHEMICALS

Burroughs Wellcome & Co. offer a selected range of fine chemicals on particularly advantageous terms to bulk purchasers.
Each is the product of long manufacturing experience and strict analytical control, and represents the highest attainable standards of quality and purity. Further details and quotations will be supplied on application to Bulk Chemicals Section, 193, Euston Road, N.W.1.

ADRENALINE
ADRENALINE BITARTRATE
BENZAMINE HYDROCHLORIDE
CARBACHOL
CINCHOPHEN
EMETINE HYDROCHLORIDE
ERGOMETRINE
ERGOMETRINE ACID MALEATE
ERGOTOXINE ETHANESULPHONATE
HISTIDINE MONOHYDROCHLORIDE
HOMATROPINE HYDROBROMIDE
HYOSCINE HYDROBROMIDE
PETHIDINE HYDROCHLORIDE
STILBŒSTROL
STILBŒSTROL DIPROPIONATE
STROPHANTHIN-G (Ouabain)
K-STROPHANTHIN
SULPHAGUANIDINE
THYROXINE-SODIUM
d-TUBOCURARINE CHLORIDE

BURROUGHS WELLCOME & CO.
(THE WELLCOME FOUNDATION LTD.) **LONDON**
Associated Houses:
NEW YORK MONTREAL SYDNEY CAPE TOWN BOMBAY SHANGHAI BUENOS AIRES CAIRO

The following message has been issued to the public:

You have been warned!

Babies need Ribena Blackcurrant Syrup, rich in natural vitamin C But unless empty bottles are returned to the chemist at once, it will be more difficult than ever to keep up regular supplies. This must not happen, for baby's sake. Will you do your share to help?

Ribena BLACKCURRANT SYRUP

H. W. CARTER & CO. LTD., THE OLD REFINERY, BRISTOL, 2

PLEASE DON'T ARREST THE FLOW OF EMPTIES

As you get a few together, will you please see that empty Ribena bottles are returned at once by the same route and channel as that by which full supplies were received? Transport difficulties make it unwise to wait until you get a lot.

ANOTHER PAGE FROM THE

STERLING

VOLUME

Page 97

Chemicals

IRON AND AMMONIUM CITRATE

A complex ferric ammonium citrate.

Properties. Thin dark reddish brown transparent scales, or a granular powder with an astringent taste. Very soluble in water.

Standard. The standard grade manufactured for medicinal purposes should comply with the requirements of the British Pharmacopœia in all respects.

Uses. Ferric Ammonium Citrate is one of the most widely used and generally prescribed preparations of iron. It is one of the least astringent compounds of iron and for this reason is often favoured. A green variety of ferric ammonium citrate is also used medicinally but is more frequently employed in the preparation of photographic blue print paper.

Packages. 28 lb. tins.

Manufacturers: THOMAS TYRER & CO. LTD.
Stratford, London, E.15

ACIDS (Pure)

BISMUTH SALTS

CITRATES

SCALE PREPARATIONS

ETHER ANÆSTHETIC B.P. and METHYLATED

MERCURIALS

Nicotinic Acid and Derivatives

Acid Nicotinic B.P.
Nicotinamide B.P.
Nikethamide B.P.
Injection Nikethamide B.P.

WARD, BLENKINSOP & CO LTD

Trade Mark

6 HENRIETTA PLACE, LONDON, W.1
Telephone: LANgham 3185 Telegrams: Duochem, Wesdo, London

Φ 18

APRICOT KERNEL OIL

The finest quality
of our own pressing

May we have your enquiries?

StaffAllenS
FOUNDED 1833

STAFFORD ALLEN & SONS LTD
WHARF ROAD, LONDON, N.1 CLErkenwell 1000 (7 lines)

TAS/AL.235

ESTABLISHED 1870

Kemball, Bishop & Co. Ltd

TELEPHONE: ADVANCE 1234

TELEGRAMS: 'KEMBALL, LONDON'

CODES: A.B.C. 6th. BENTLEY'S PRIVATE

MANUFACTURING CHEMISTS

CROWN CHEMICAL WORKS, THREE MILL LANE, BROMLEY-BY-BOW, LONDON, E.3

CITRIC ACID. TARTARIC ACID.
CREAM OF TARTAR. ROCHELLE SALTS.
CALCIUM GLUCONATE.
LITHIUM CARBONATE,
CHLORIDE AND HYDROXIDE.
QUALITY GUARANTEED

SOAP
SHAVING STICK
OINTMENT
TALCUM

—for Sensitive Skins!

NEW BEMAX ALLOCATION SCHEME

It is now possible to bring to an end our Cash with Order Ration Scheme which served its purpose so effectively in the days of very acute shortage.

Our new Allocation Scheme, with normal invoicing, is more satisfactory and still equally fair to all. To ensure their place in it, chemists who have not already done so should return their Bemax Ration Cards at once.

Chemists are requested, until advised, NOT to send in orders for Bemax. Supplies will be allocated in strict rotation. While the quota will remain constant, despatches will, we hope, be more frequent.

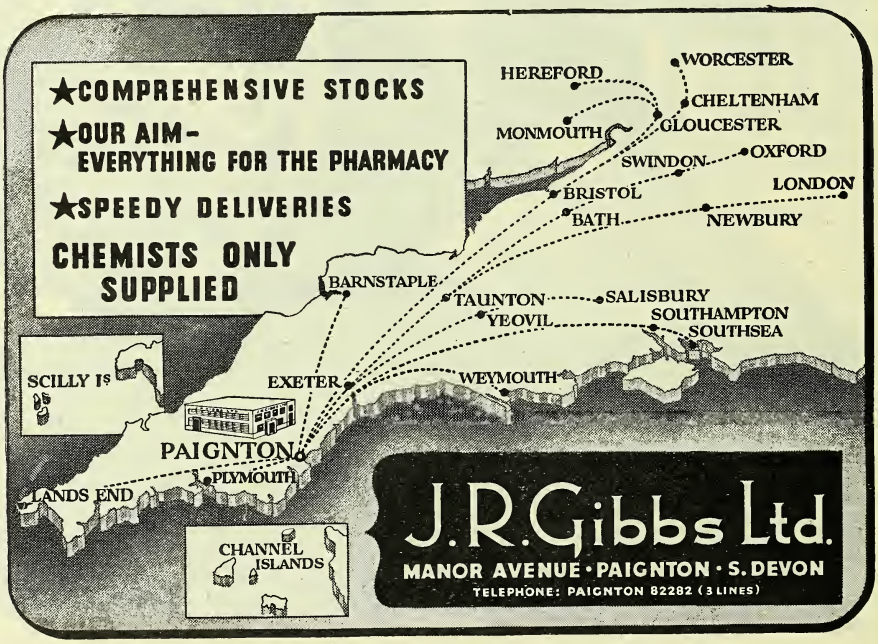
BIG WELCOME FOR BEMAX TABLETS

Bemax tablets help to fill the need for extra vitamin B_1 among people who are unable to obtain all the Bemax they want. The suggested dose supplies 200 i.u. of vitamin B_1—approximately the amount provided by the daily dose of Bemax.

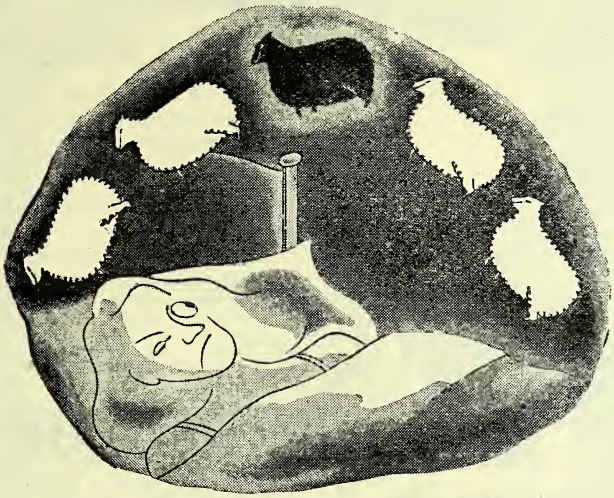
Cartons of 60 or 120 Tablets 1/6d. and 2/6d. respectively. Discount 33⅓%. Minimum parcel of 1 doz. 1/6d. and 1 doz. 2/6d. sizes.

OTHER LINES—Complevite, Pregnavite, Befortiss and the pure Vitamin preparations—in reasonable supply, but some delay on Fertilol.

VITAMINS LIMITED, Upper Mall, London, W.6



The Chemist's Case Book. *The Chemist to-day is psychiatrist, near-physician and counsellor all rolled into one. A dozen times a day he is called upon to give the benefit of his knowledge and experience.*



Sleeplessness

As every Chemist knows loss of sleep is more often traceable to ill-functioning of the digestive organs than to any other cause. If the customer goes to bed every night on a warm cup of Benger's Food the pre-digestive (enzymic) action of the Food soothes both stomach and nerves, yet at the same time gives rich nourishment that builds bodily and nervous vigour. A large proportion of the Chemist's customers are potential buyers of Benger's Food and a course of Benger's Food represents a steady and continuous profit.

Benger's Food

Important!

Benger's Food is not to be confused with ordinary bed-time drinks. It is a partially pre-digested milk *food.* Benger's to-day is as easy to make as a cup of cocoa.

BENGER'S LTD., HOLMES CHAPEL, CHESHIRE

THE NEW TECHNIQUE BY RIMMEL—

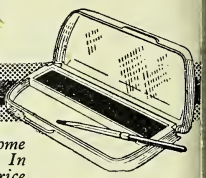
Women are ***Brushing*** *their lips to Beauty!*

In just the same way as their favourite screen and radio star. The fine brush contained in the Rimmel Lipbrush Compact will produce lovely clear cut lines with no fading or blurring. A smoothly finished spread of vibrant colour that lasts *longer.*

That is why the demand is growing and growing. Have you received your quota yet? Orders taken and despatched in strict rotation.

Rimmel

LIPBRUSH ROUGE



Write to—
RIMMEL DISTRIBUTORS LTD
48 North Row, Park Lane, W.1.

The Rimmel Lipbrush Compact—a handsome white plastic case with mirror and brush. In all the famous Rimmel shades. Retail price 10/9 complete (refills 5/-).

Introducing an entirely new range of
HIGH QUALITY COSMETICS
Foundation Cream, Complexion Cream, Skin Food, Cold Cream, Lipsticks, Face Powders, and Perfumes, etc.
Also our well-known **NASTANT INHALANT** *for*
CATARRH, HAY FEVER, ASTHMA, HEADACHES & GIDDINESS

HOME & EXPORT
NOSTAX LTD.
BOURNEMOUTH PARK ROAD
SOUTHEND-ON-SEA
Telephone: MARINE 68240
Telegrams: WINTERS' SOUTHEND
Prices sent on request

MILLAMALT *The* VITAMIN **MALT FOOD**
Sole Manufacturers With Vitamins (A. 6,500 I.U., D. 400 I.U.) per fl. oz.
JEFFREYS, MILLER & Co. Ltd. Leyland Mills, WIGAN. London Dept.: 19 Brookside Rd., N.1

Tablets and Pills *Packed or Bulk*

ASPIRIN
CASCARA
and all
TABLETS and PILLS

Private formulæ Pills and Tablets carefully and accurately prepared at lowest possible prices.
Latest Automatic Pill Plant.
WE WELCOME ENQUIRIES

CASTLE HUSKISSON LTD.
MANUFACTURING CHEMISTS
SWINTON WORKS, MOON STREET, ISLINGTON
LONDON, N.1
Telephone: Canonbury 3466
ESTABLISHED 1768

Taylor's

THE DIRECTORS OF

EDWARD

TAYLOR

LTD.

Manufacturers
of
Medical & Surgical Plasters
and "Flexoplast" Products

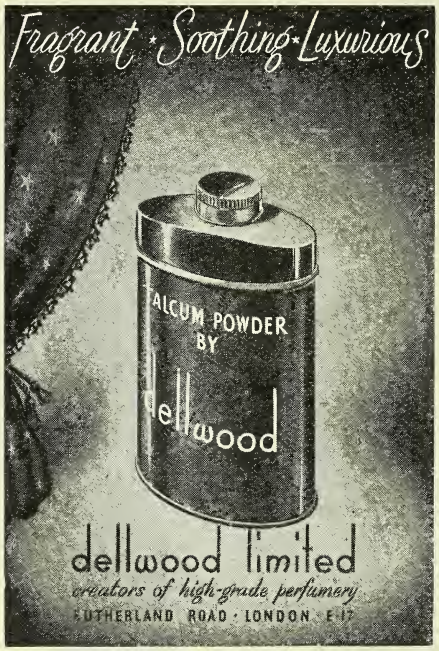
desire to thank all
who have sent them
messages of congratu-
lation and goodwill
on the attainment of
their

CENTENARY

1847–1947

EDWARD TAYLOR LTD
MONTON
LANCASHIRE

TF92



This fine borated powder has been prepared by the well-known House of 'Leda,' specially for use on tender skins. In 1 lb. tins, price 30/- per dozen plus 1/6th. Purchase Tax. Sole distributors of this size container which has been prepared for use by the Hairdressing Trade—

BEAUTISALES LTD.

35 Old Bond St., London, W.1

★ YOU ARE SUPPORTED BY EXTENSIVE ADVERTISING ★

Send for Shade Card and details of Trade terms.

J. DUNHILL MANUFACTURING CO.

17 WOODSTOCK STREET, LONDON, W.1

TELEPHONE: MAYFAIR 1603

Our advertising will bring you

DISPLAY BOXES OF 1 DOZEN Showcards also Available.

P.A.T.A.

PRESTIGE AND PROFITS

Customers will thank you for recommending ESoBACTULIN—6 Capsules taken over 5 days give most people 3 months' immunity from Colds.

GOOD PROFITS — 33⅓% DISCOUNT

plus *special bonus* of 13 to the dozen

Now being advertised to millions of potential customers.

Supplied through all C.F. Wholesalers

ESoBACTULIN

PROTECTION AGAINST COLDS

COMPLETE COURSE **7/6** INC. TAX

A Product of

SOUTHON LABORATORIES LTD. Upper Richmond Road, London, S.W.15.

SYNDRUM (Regd.)

ANTI-DANDRUFF *Cream*

★ ★ ★ ★ ★ ★ ★ ★ ★ ★

AN EMINENTLY SATISFACTORY ANTI-DANDRUFF DRESSING

SOLD ONLY THROUGH CHEMISTS

RETAIL

2/6

INCLUDING PURCHASE TAX

CLARKSON WADE LTD.

BURNLEY · LANCS.

PATTINSON'S MAGNESIA

GUARANTEED B.P. QUALITY

Mag. Carb. Levis. Mag. Carb. Pond.
Mag. Oxide Levis. Mag. Oxide Pond.
Mag. Trisilicate.
Mag. Hydrate. Mist. Mag. Hydrox.

Supplied through all wholesalers by the sole manufacturers :

The WASHINGTON CHEMICAL CO. LTD.

TURNER & NEWALL Ltd.

WASHINGTON

CO. DURHAM

London Office: Everite House, 59½, Southwark St., S.E.1

Manchester Office: 15, Pollard St. East, Manchester, 10

SOMETHING NEW!

TALC BY GOYA

The popularity of a Talcum Powder depends upon its fragrance.

Here at last is a superfine Talc perfumed with Goya's perfect perfumes—five fragrances, known and used by women throughout the world.

No. 5

STUDIO

HEATHER

GARDENIA

GREAT EXPECTATIONS

Attractively packed in pink and blue tins.

•

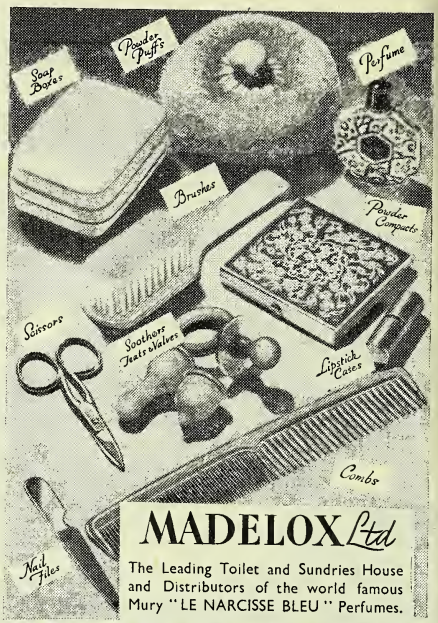
Retail price, including Purchase Tax, 3/9d.

Trade Price 18/- per dozen.

PERFUME · LIPSTICK · POWDERS

Goya

161 · NEW BOND ST · LONDON · W · 1



MADELOX Ltd

The Leading Toilet and Sundries House and Distributors of the world famous Mury "LE NARCISSE BLEU" Perfumes.

168 CORPORATION STREET · MANCHESTER

National Advertising is creating a demand for

Nuctone

SAFE FOR GREY HAIR

THE NATURAL AND PERMANENT HAIR TINT now available in two sizes and four grades attractively packed for home use.

Special introductory parcel sent C.O.D. containing 9 small size Nuctone assorted. Total Cost 17/8 + 17/8 Tax — £1-15-4

POST AND C.O.D. CHARGES FREE
SHOWCARD PROVIDED

Export enquiries invited

STEWART, GOODALL & DUNLOP, LTD.
121A PRINCES ST., EDINBURGH
ON P.A.T.A. LIST

STURGE
CITRIC
ACID

JOHN & E. STURGE
LIMITED
1 WHEELEYS ROAD · BIRMINGHAM 15
Manufacturers of Fine Chemicals since 1823

7 Reasons why Anne French cleansing milk has maintained its reputation . . . and yours

1. Because throughout the days of shortages and restrictions, the high standard of this product has been maintained.
2. Because supplies, when available, are distributed with perfect fairness and impartiality to all stockists.
3. Because the Anne French advertising campaign has explained to the public that shortage of stocks has not been the fault of the retail supplier.
4. Because the press advertising has been designed to educate women in the need for deep pore cleansing.
5. Because behind the manufacture of Anne French Cleansing Milk is a background of scientific laboratory research, and talented and reputable chemists.
6. Because in selling Anne French Cleansing Milk to your customers you are supplying them with the finest means of acquiring and developing a healthy complexion.
7. Because as supplies increase, your turn-over will be considerable, as our policy of educating the public in the benefits obtained from the use of Anne French Cleansing Milk will continue to create demand.

Anne French CLEANSING MILK

2/5 Old Bond Street, London, W.1 · Manufacturers and Distributors for Anne French Cleansing Milk · International Chemical Company Limited, 12 Chenies Street, London, W.C.1

Trade Terms : Small Size 14/4 per doz, Purchase Tax 14/4. Price to the Public : 3/- ea. inc. P. Tax
Large Size 33/7 per doz. Purchase Tax 33/7. Price to the Public : 7/- ea. inc. P. Tax

T.41.

MANESTY

TABLET MAKING MACHINERY

MANESTY F TABLET MACHINE

OUTPUT 90 PER MIN.

FOR TABLETS UP TO ¾ DIAM.

MANESTY No 1 TABLET MACHINE

OUTPUT 90 PER MIN.

FOR TABLETS UP TO ½" DIAM.

MANESTY E TABLET MACHINE

OUTPUT 90-100 PER MIN

FOR TABLETS UP TO ½" DIAM.

MANESTY HAND COMPACT PRESS

OUTPUT 2000 COMPACTS PER DAY

MANESTY COPPER COATING PAN

STANDARD SIZE 30" DIAM.

MANESTY B.B.3 ROTARY TABLET MACHINE

OUTPUT 1000-1500 PER MIN.

FOR TABLETS UP TO ½" DIAM.

MANESTY No 2 TABLET MACHINE

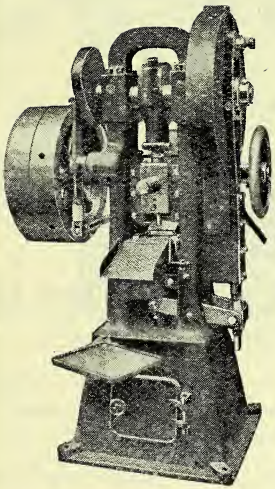
OUTPUT 55-220 PER MIN.

FOR TABLETS UP TO 1½" DIAM.

MANESTY R.S.1 ROTARY TABLET MACHINE

OUTPUT 168-336 PER MIN.

FOR TABLETS UP TO 1⅜" DIAM.



MANESTY

No. 3 TABLET MACHINE

for BLOCKS, CUBES and HEAVYWEIGHT PELLETS

Max. diam. of pellet 2¼"

Max. depth of fill 2¼"

Output per minute 32/40

Horse power 3

- This machine can be used for round or shaped pellets.
- Multiple punches and dies can be fitted and the output increased accordingly.
- Available for belt drive, or with self-contained motor drive.

Full particulars on request

MANESTY B3 ROTARY TABLET MACHINE

OUTPUT 400-500 PER MIN.

FOR TABLETS UP TO ½" DIAM.

MANESTY D3 ROTARY TABLET MACHINE

OUTPUT 300-350 PER MIN.

FOR TABLETS UP TO 1" DIAM.

MANESTY No 3 TABLET MACHINE

OUTPUT 30-400 PER MIN.

FOR TABLETS UP TO 2¼" DIAM.

MANESTY OSCILLATING GRANULATOR

OUTPUT 150-224 LBS. PER HOUR

MANESTY MIXER

CAPACITY 100 LBS. OF POWDER

MANESTY MACHINES LIMITED

5 SPEKE HALL ROAD, LIVERPOOL, 19

TELEPHONE: HUNTS CROSS 1321 TELEGRAMS: MANESTY, LIVERPOOL

after every bath

after every nappie change

Mothers already know and love Johnson's BABY POWDER. Make sure they know about BABY LOTION too. It's additional business for you!

what BABY LOTION *is*

An oil-in-water emulsion, homogenized under pressure to make it superfine.

Contains an antiseptic to reduce the danger of infection.

Not sticky or messy; will not spoil baby's clothes.

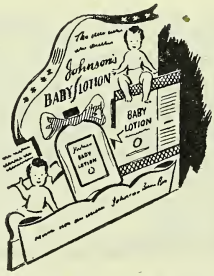
when BABY LOTION *should be used*

After every nappie change and for "tubless" baths.

Can also be used whenever there's a suspicion of soreness.

what BABY LOTION *does*

Gives waterproof protection against urine and so prevents nappie irritation. Also excellent for soothing chapped, chafed areas, preventing soreness and keeping baby skin satin-smooth and healthy.



Quick-action counter and window displays for Baby Lotion bring more and more new users—more and more repeat customers.

JOHNSON & JOHNSON (GT. BRITAIN) LTD., SLOUGH AND GARGRAVE

POTTER'S

ASTHMA REMEDY

Price 2/2 per Tin (inc. tax)
Wholesale 18/- per Doz., plus 3/- per Doz. Tax
Packed in half dozens

Well advertised and world famous
A sound selling line for every Chemist

POTTER & CLARKE LTD

60-64 Artillery Lane, LONDON, E.1.
Telephone: BIShopsgate 4761
and
77 Dantzic Street, MANCHESTER 4.
Telephone: BLAckfriars 8734

A woman wants two things from a beauty cream . .

She expects it to perform make-up magic—to hold powder smoothly, lastingly, and to make her prettier right this minute. But she also expects it to care for her skin—to improve its texture, make it smoother, help it to resist wrinkling. SKIN DEEP does both of these things.

Made from Atkinsons newest formula for the day and night care of the skin, SKIN DEEP holds make-up perfectly by day and acts as a rich skin food by night. As the years go by the natural substances which keep the skin pliable and able to resist wrinkling dry up. SKIN DEEP, blended from oils closely resembling the skin's natural oils, preserves the complexion against wind, weather and loss of elasticity caused by the march of time.

ATKINSONS

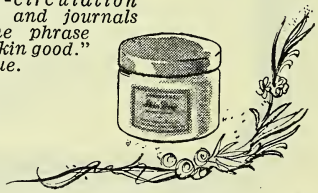
Skin Deep

BEAUTY CREAM

FOR DAY AND NIGHT USE

All Skin Deep

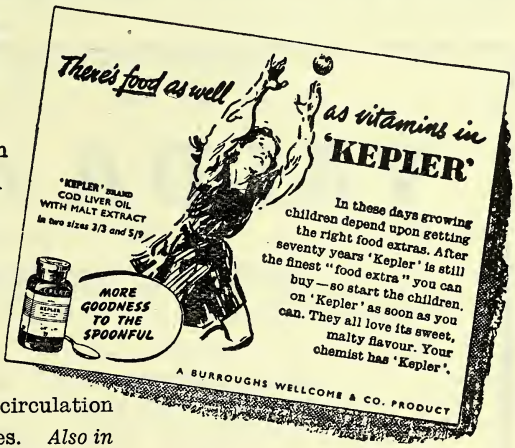
advertisements appearing in the big-circulation magazines and journals feature the phrase "does the skin good." And it's true.



AST. 4-1062

ATKINSONS OF OLD BOND STREET, W.1

COMPELLING ADVERTISING WITH A TOPICAL THEME KEEPS 'KEPLER' *in the news!*



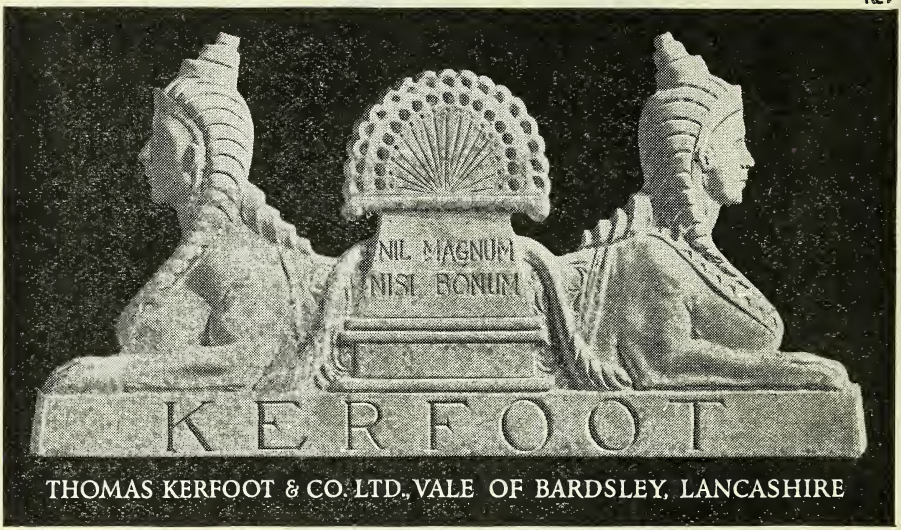
The vigour of this advertising can hardly fail to stir the imagination of mothers—especially at this time, when they are more than ever conscious of the need of the right 'food extras' for their children. They can read the KEPLER message in the national press, the best provincial papers, the big-circulation journals and the women's magazines. *Also in your shop* if you display the new KEPLER window- and counter-cards. Ask our representative about them—they have a compelling attractiveness that leads to sales on the spot.

Two sizes **3/3** *and* **5/9**

BURROUGHS WELLCOME & CO. (*The Wellcome Foundation Ltd.*)
12, Red Lion Square, London, W.C.1. *Telephone: Chancery 6621*

For GOOD TABLETS

K29



THOMAS KERFOOT & CO. LTD., VALE OF BARDSLEY, LANCASHIRE

NOW IS THE TIME TO PLACE YOUR ORDER

VALDA PASTILLES

PACKED IN ENGLAND

NOW IN BETTER SUPPLY

OBTAINED DIRECT OR THROUGH YOUR WHOLESALER

ALL ENQUIRIES DEALT WITH IN STRICT ROTATION, BUT EVERYTHING POSSIBLE WILL BE DONE TO ENSURE SPEEDY DESPATCH

WILCOX, JOZEAU & CO. LTD.

74/7 WHITE LION STREET, LONDON, N.1

19 TEMPLE BAR, DUBLIN

The
CHEMIST AND DRUGGIST
For RETAILER—WHOLESALER—MANUFACTURER
Published weekly at 28 ESSEX STREET, STRAND, LONDON, W.C.2
Telegrams: "CHEMICUS, ESTRAND LONDON." *Telephone: CENTRAL 6565 (10 lines)*

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NEWS OF THE WEEK

Poliomyelitis Figures.—The number of cases of poliomyelitis notified in England and Wales in the week ended October 4 was 441, 130 fewer than in the previous week and the lowest figure for nine weeks.

International Narcotic Control. — The United Nations Narcotics Commission, now meeting at Geneva, is drafting a new convention to bring under international control synthetic narcotics which are not covered by existing conventions.

An Invitation Withdrawn.—It is understood that the National Association of Insurance Committees has withdrawn a circular which it issued recently to Executive Councils, inviting them to be represented at a meeting in London at which the formation of a national association of Executive Councils was to be discussed.

Soap Rationing. — Coupons available during ration period 4, which begins on October 12, are the two upright pairs of small squares K 13/14 and K 15/16 in the large square No. 4. In ration books R.B.1 and R.B.4, the coupon numbered 13/14 is worth one ration and the coupon numbered 15/16 two rations of soap. The two whole coupons in ration book R.B.2 are each worth two rations.

Baby Foods Order.—The Minister of Food has issued an Order which came into force on October 8, making it an offence to buy or sell any brand of milk-based infant food except on production of a green ration book of a child under two. Suppliers are required to mark coupon O on p. 13 of R.B.2 in such a way as to indicate each purchase of a tin of any size. In view of a shortage of liquid milk the Minister has asked manufacturers of branded infant foods to reduce their sales.

Labelling of Ampoules.—The Association of British Chemical Manufacturers has worked out with the Association of Anæsthetists and the Ministry of Health a set of proposed recommendations for the wording of ampoule labels and for the standards of durability to be aimed at in the labelling of ampoules. Any non-members of the A.B.C.M. engaged in the manufacture of

products packed in ampoules may have particulars on application to Mr. R. Murdin Drake, A.B.C.M., 166 Piccadilly, London, W.1. Comments on the proposed recommendations, to be taken into account in formulating the final recommendations, must be received by the Association not later than October 17.

Government Changes.—Among Ministerial and other appointments announced by the Prime Minister on October 8 were the following:—LORD PRIVY SEAL, Lord Addison; SECRETARY FOR COMMONWEALTH RELATIONS, Mr. P. J. Noel-Baker; SECRETARY FOR SCOTLAND, Mr. Arthur Woodburn; MINISTER OF FUEL AND POWER, Mr. Hugh Gaitskell; MINISTER OF SUPPLY, Mr. G. R. Strauss; PARLIAMENTARY SECRETARY, FUEL AND POWER, Mr. Alfred Robens; PARLIAMENTARY UNDER SECRETARY, HOME OFFICE, Mr. K. G. Younger; JOINT PARLIAMENTARY SECRETARIES, MINISTRY OF SUPPLY, Major J. Freeman and Mr. J. H. Jones; SECRETARY FOR OVERSEAS TRADE, Mr. A. G. Bottomley; PARLIAMENTARY SECRETARY, MINISTRY OF TRANSPORT, Mr. L. J. Callaghan.

LOCAL NEWS

Executive Councils.—Messrs. J. Hope Evans and W. Elliott, Brecon, have been appointed by the local Pharmaceutical Committee to serve on the Executive Council for Breconshire, set up under the National Health Service Act.

Cricket at Brighton. — In a cricket match played between Arthur H. Cox & Co., Ltd., and the Armstrong Cork Co., Ltd., at Brighton on September 13, Messrs. Cox's team scored 88 all out, and Messrs. Armstrong Cork Co.'s team 147 all out.

Memorial to Pharmacist. — A stained glass window dedicated to the memory of the late Mr. Herbert Samuel Durbin, J.P., Ph.C., charter mayor of Surbiton, was unveiled at Surbiton Hill Methodist Church on October 5 by the present mayor of the borough.

Dartmoor Outing. — Nearly 100 members of the staff of J. R. Gibbs, Ltd., wholesale chemists, Paignton, South Devon, took part in a motor coach outing across Dartmoor on September 20. The party attended a performance at a theatre in Plymouth before returning to Paignton.

Leeds Chemists' Golf.—Leeds Chemists' Golf Club, in their last match of the season, played a four-ball foursomes competition at Scarcroft on September 17 for tankards presented by Hirst, Brooke & Hirst, Ltd., and by A. De St. Dalmas & Co., Ltd. Messrs. W. A. Sturdy and J. A. Goodman were the winners.

Edinburgh Chemists' Golf. — In a trophy competition played recently by the Edinburgh Chemists' Golf Club, Mr. W. A. M. Hourston (17) was the winner with 79. Messrs. P. McCullock (scratch), J. Finlay (3) and R. F. Muir (7) tied with 80. The finalists in the Club's hole and hole competition are Messrs. H. G. Glass and D. Walker.

South Coast Cricket.—A team of Bournemouth chemists beat a combined team of Portsmouth and Southampton chemists at Southampton recently in the final match for the Herbert Ferryman trophy. Bournemouth thereby became the first winners of the trophy, which is presented by Mr. F. R. Alderwick; they achieved a record in having won every match they have played this season.

Edinburgh Women Pharmacists.—The 1947-48 session of the Edinburgh Branch of the National Association of Women Pharmacists opened recently with a meeting at which Miss I. E. Ingram (chairman) gave a talk entitled "Pharmacy in Denmark." Miss Ingram described visits she had paid, during a tour of Denmark, to a number of hospital laboratories and pharmacies in all of which, she said, pharmacy was conducted at a high professional level.

Manchester Masonic Meeting.—At the annual meeting of the Manchester Pharmaceutical Masonic Association, held in Manchester on October 1, the following officers were appointed: *Chairman* and *Secretary,* Bro. G. V. Tyler; *Vice-chairman,* Bro. T. G. Baker; *D.C.,* Bro. A. J. Fisher; *Treasurer,* Bro. A. Wild; *Stewards,* Bros. G. L. Balf, W. E. Constantine and A. Davies. The meeting concluded with a musical programme.

Tribute to Pricing Official. — At the annual conference of the Scottish Association of Insurance Committees held recently in Inverness, many tributes were paid to Mr. A. B. Gilmour, M.B.E., who recently retired from his posts as Clerk of the Drug Accounts Committee (Scotland) and as superintendent of the Central Checking Bureau, Glasgow, after thirty-two years' service. A number of presentations were made to Mr. Gilmour in recognition of his valuable services to health insurance.

IRISH NEWS

Cork Guild of Pharmacy. — At the September meeting of the Council of the Cork Guild of Pharmacy, Mr. R. D. Clarke presiding, Mr. J. J. O'Regan announced that a series of lectures on pharmaceutical topics was being arranged for the winter months.

North-east Ulster Chemists.—A general meeting of members and associates of the North-east Ulster Chemists' Association was held at Coleraine on September 19. Mr. W. Revill, Ph.C. (president) occupied the chair. The chief topic for discussion was the new Health Services Bill, and recommendations were prepared for submission to the Pharmaceutical Negotiating Committee. The president welcomed Miss A. E. Strachan ((secretary, Ulster Chemists' Association) on her first visit to the North-east Association.

Eire Society's Council.—Only seven nominations were received by the Pharmaceutical Society of Ireland to fill the seven positions which became vacant on October 1, so that no election is necessary. The seven outgoing members are Messrs. F. X. Meagher, Peter Fullam, P. F. McGrath, Gerald O'Neill, N. A. P. McKane, Maurice Power and J. D. Blair. Mr. Blair did not seek re-election but the other six outgoing members were again nominated. A seventh nomination was received on behalf of Mr. Bartholomew C. Sullivan, 63 Main Street, Mallow, co. Cork. At the annual meeting of the Society, the president will declare the six outgoing members, with Mr. Sullivan, automatically elected as members of the Council for the next three years (see p. 435).

Irish Drug Association. — At the mid-September meeting of the Committee of the Irish Drug Association in Dublin, Mr. M. Costello (president) in the chair, a long discussion took place on the Association's finances and it was decided to defer consideration of an increase in the annual subscription to a future meeting. It was reported that as a result of an interview between Messrs. Costello, F. X. Meagher and B. R. Smith (secretary) and officials of the Department of Industry and Commerce, the officials had undertaken to consider a number of points concerning the supply of glucose and of sugar for dispensing purposes, and the distribution of medicated confectionery. The following were elected as new members of the Association: Freyne's Veterinary Chemists, Clondalkin, co. Dublin; Mr. V. McElwee, Dungloe, co. Donegal; and Mrs. K. Melvin, Athlone.

N.I. Apprentices.—The Council of the Pharmaceutical Society of Northern Ireland has granted certificates of apprenticeship to the following:—Herbert Bryson, Magherafelt; William E. Cooper, Belfast; Michael Donaghey, Cookstown; Denis McG. Dougherty, Bellaghy; John N. Fitzpatrick, Belfast; Samuel J. Gilmour, Portrush; Robert Greenlees, Newry; Robert A. D. Jones, Warrenpoint; James Lord, Belfast; Samuel McC. Moore, Coleraine; Brian McCann, Belfast; James McDonagh, Belfast; Daniel G. McKenna, Armagh; James H. L. O'Brien, Larne; John D. Pender, Belfast; Mary J. Rafferty, Belfast; and Matthew A. Shields, Desertmartin (all of whom submitted the senior certificate of the Ministry of Education); John D. Forster, Portrush; Annie M. M. Friel, Omagh; William Mitchell, Belfast; and Daniel Shearan, Belfast, (London University matriculation); Helen W. M. Graham, Moneymore and David G. Herron, Armagh (Oxford and Cambridge higher certificate); and Bridget McGlinchey, Belfast (Queen's University matriculation).

OVERSEAS NEWS

Russian Vaccine for Egypt. — The Soviet government, in response to an appeal for aid from the Egyptian Government, has agreed to send to Egypt free of charge a million doses of cholera vaccine.

British Vaccines Vindicated.—The Cairo Moslem newspaper "Ikhwan el Muslimia" alleged on October 6 that outdated cholera vaccines had been sent to Egypt from Britain. The Egyptian Government has denied the allegation, pointing out that British vaccines received had been in perfect condition and were fully effective.

Canadian Veterinary Regulations. — Under new regulations announced by the Canadian Health Minister on September 13, pharmacists in Canada may supply penicillin or sulphonamides for veterinary use to *bona fide* livestock owners without the surrender of a prescription. The purchaser must be known to the pharmacist, or introduced by someone known to him, and a record of each sale, with the purchaser's signature, must be kept. Ordinary packages of penicillin or sulphonamides must be distinctively overprinted to indicate that the contents are solely for veterinary use.

COMPANY NEWS

G. H. Bristow (Chemists), Ltd. (P.C.).—Capital £1,000. Gilbert H. Bristow, Ian D. Bristow, M.P.S., Hilda A. Bristow, Monica P. Bristow and Sheila M. Bristow, directors. R.O.: 214 Desborough Road, High Wycombe.

L. B. Dibben, Ltd. (P.C.).—Capital £100. To carry on the business of dealers in pharmaceutical, medicinal, chemical and other preparations, etc. Leslie J. Dibben and Mary L. Kiely, directors. R.O.: 88 Chandos House, Palmer Street, London, S.W.1.

Tremlett (Chemists), Ltd. (P.C.).—Capital £1,750. To acquire the business of a chemist formerly carried on by Percival G. Tremlett at 1 New Road East, Portsmouth. Mrs. Annie M. Tremlett, Richard G. Tremlett, M.P.S., and Kenneth F. Allen, directors.

Triple "S" Products, Ltd. (P.C.).—Capital £5,000. To carry on the business of manufacturers of and dealers in soaps, oils, perfumes, chemicals, toilet requisites, etc. Alex. Mackay and Mrs. Emily E. Mackay, directors. R.O.: 44 Beverley Drive, Edgware.

Edward Gurr, Ltd. (P.C.). — Capital £1,000. To carry on business of manufacturers of and dealers in pharmaceuticals, drugs, medicinals and fine chemicals, etc. Edward Gurr and Florence P. Gurr, directors. R.O.: 108 Waterford Road, London, S.W.6.

Merck & Co. (Great Britain), Ltd. (P.C.).—Capital £100. To carry on the business of manufacturers of and dealers in chemicals, drugs, spirits, oils, herbs, roots, etc. Donald C. Tewson and Francis C. Howard, directors. R.O.: 18 Austin Friars, London, E.C.2.

Edwards & Co. (Chemists), Ltd. (P.C.).—Capital £1,000. To acquire the business of retail chemists carried on as L. C. Edwards & Co. at 19 St. John's Hill, London, S.W.11. Percy J. H. Jones and Thomas Marns, M.P.S., directors. R.O.: 22 Charing Cross Road, London, W.C.2.

S. A. Hampton, Ltd. (P.C.).—Capital £10,000. To carry on the business of manufacturers of and dealers in chemicals, drugs, medicines, disinfectants, etc. Sidney A. Hampton and Dorothy C. Hampton, directors. R.O.: 36 High Street, Brentwood.

Nigerian Produce Marketing Co., Ltd. (P.C.).—Capital £250,000. To deal in, transport, store and prepare for market cocoa beans and other natural produce or raw materials; to carry on the business of commission agents, ship and aircraft owners, ship and insurance brokers and carriers, etc. The Nigerian Cocoa Marketing Board may appoint and remove directors and may appoint any of them to executive positions. Francis E. Viney, C.M.G., High Highness Oba Alaiyelwa, The Hon. Aderemi II, C.M.G., Eric C. Tansley and William J. C. Richards, directors. R.O.: 15 Victoria Street, London, S.W.1.

Gold Coast Cocoa Marketing Co., Ltd. (P.C.).—Capital £250,000. To further the objects of the Gold Coast Marketing Board, to import, store, export, ship, sell and deal in cocoa beans, to carry on in connection therewith the business of commission agents, ship and insurance brokers, ship and aircraft owners and carriers, to promote research into questions relating to the purchase and sale of cocoa beans, etc. The Gold Coast Marketing Board may appoint and remove directors and appoint any of them to executive positions. Frank Leach, O.B.E., M.C., Bediako Dwimoh Addai, Joseph Boakye Danquah, Ll.B., Ph.D., Eric C. Tansley and Rupert L. Thompson, directors. R.O.: 15 Victoria Street, London, S.W.1.

Biddle, Sawyer & Co., Ltd.—The directors announce that the capital of the company has been increased from £25,000 to £100,000.

BUSINESS CHANGES

The West Kent Drug Co., Ltd., have removed to 76 High Street, Tonbridge.

Eli Lilly & Co., Ltd., Basingstoke, have appointed Mr. Daniel Harrington, 6 Buckley's Terrace, Cork, as one of their representatives in Eire.

Evans Medical Supplies, Ltd., have appointed Mr. J. A. Wilson manager of their establishment at 50 Bartholomew Close, London, E.C.1.

Squadron-Leader R. H. Marks has been appointed assistant secretary of the north-western regional office of the Federation of British Industries.

John Ronaldson & Co., Ltd., drug importers and exporters, have removed to 3 Crooked Lane, Cannon Street, London, E.C.4. (Telephone: Mansion House 4485).

Mr. J. Ross-Mansell, B.Sc., M.P.S., has been appointed general manager of Abbott Laboratories (England), Ltd., Perivale, Middlesex. A note on his appointment as assistant general manager appeared in the *C. & D.*, September 6, p. 274.

Prentif, Ltd., Long's Court, St. Martin's Street, London, W.C.2, have appointed Mr. Colin A. Barnes, D.F.C., M.P.S., sales and joint managing director. Mr. Barnes is a member of the Incorporated Sales Managers' Association.

Mr. Allan Duckworth, M.P.S., B.Com., has been appointed assistant secretary of the Wholesale Drug Trade Association. Mr. Duckworth was formerly head of the production planning department of Glaxo Laboratories, Ltd., which company he joined in 1937.

TOPICAL REFLECTIONS

Branch Representatives' Meetings

The letter of "Politicus" on p. 422 of your last week's issue glances at the branch representatives' decision at Torquay to associate their annual meetings with the annual general meetings of the Pharmaceutical Society (see p. 448). The decision is a wise one. Many branch representatives attending annual meetings of the Conference since 1922 must at times have been aware of "a divided duty." When, as has often happened, a meeting of the Science Section and a meeting of branch delegates were held simultaneously, it has been a task of considerable difficulty to balance the claims of the two programmes and to decide whether to adhere to one of them or to attend each for part of the time—in the latter case probably missing some discussion in which one had intended to take part. I have never liked the present arrangement. Though meetings of branch representatives have regularly been announced in Conference programmes, I have regarded them as excrescences. If, as is contemplated, the Conference is to become closely associated with the needs of the medical service under the National Health Service Act, its scientific output will presumably rank less as pure science and more as applied science. This may not mean that the nature of the research presented in monographs will change to any marked extent. But it should mean that it will be more closely examined by pharmacologists and others than in the past, and that its contribution to the stock of scientific knowledge will be more specific. Branch representatives are concerned at their meetings with other matters; these meetings should therefore be held at times affording a maximum of convenience.

The Pharmaceutical Society's Council

The branch representatives' discussion at the same meeting on the proposal that the Privy Council be authorised to appoint three pharmacists as additional members of the Pharmaceutical Society's Council (p. 417) ended without the taking of a vote. My view of the desirability of remodelling the Council has not changed since I commented on the subject in your issue of October 11, 1941. As I pointed out, the introduction of other members by nomination on the lines laid down in the Pharmacy and Poisons Act of 1933 would give the Council a more dignified position, and would check any desire to "run" pharmacy as if it were a single entity controlled by the Council. A further consideration then mentioned is that the small number of votes cast at Council elections for many years past has rendered these elections farcical. Any new organisation of the Council should, in my view, include territorial representation. Ingenious schemes for this representation have been published in your columns from time to time: a recent one appeared in *C. & D.*, 1944.II.244. Assuming that it is decided to enlarge the Council by the addition of three nominated pharmacists, the important question of their nominators arises. The Privy Council is already so well represented on the Society's Council that I see no reason for an addition to its nominees. Here we may take a hint from the constitution of the Dental Board. My suggestion is that the Ministry of Health, the Scottish Board of Health and the General Medical Council should each nominate one pharmacist as a councillor of the Society. In the event of any dispute among the representatives of the three Government departments, the G.M.C. representative might act as umpire. If elected members were reduced to eighteen, the total would still be twenty-four.

Michael Scot

In reading "Homolies and Recreations" (1926), a book of essays and speeches by John Buchan (afterwards Lord Tweedsmuir), I have come upon one of the best accounts of Michael Scot that I know. The proneness of the mediæval mind to look for marvels is shown in the growth of legend round the memory of this many-sided investigator. In your Special Issue of June 30, 1934, you gave a formula for a pill prescribed by him; the formula was popular for at least four centuries. Buchan described him as undoubtedly of Scottish birth, "almost certainly a Borderer . . . theologian, legalist, mathematician, chemist, physiologist, logician, and linguist." He studied at Oxford, Paris, Bologna and Toledo. Among the authors whom he translated into Latin was Avicenna. Service at the court of Frederick II, reputed to be "the home of necromancy and obscene pagan cults," probably gave him his reputation as a master of the occult. He died in or about 1232. There is nothing magical in the pill I have mentioned, though the manuscript from which you took the formula praised it for many virtues—rather, I regret to add, in the manner of a modern puff.

Xrayser

WILLS

Mr. William Bright, M.P.S., 47 Nantwich Road, Crewe, Cheshire, left £10,489, with net personalty £9,888.

Mr. Arthur Flett, M.P.S., 5 Glasgow Road, Uddingston, Lanarkshire, left personal estate in England and Scotland valued at £9,211.

Mr. Edward Jones, retired pharmacist, St. Mark's Mansions, Paddington, London, W.2, left £10,458, with net personalty £10,336.

Mr. Percy Markham Brooks, M.P.S., 51 The Market Place, Pocklington, Yorks, and 15 Flowergate, Whitby, left £2,616, with net personalty £2,543.

Mr. John Allan, M.P.S., 342 Lancaster Road, Torrisholme, Morecambe, Lancs, formerly of Glodwick, Oldham, left £2,906, with net personalty £1,577.

Mr. Sydney George Reading Coles, M.P.S., 62 High Street, Irthlingborough, Northants, left £21,695, with net personalty £20,692.

Mr. Thomas Roberts, 89 Trentham Road, Dresden, Stoke-on-Trent, manufacturing chemist, left £3,246, with net personalty £3,193.

Mr. James Dudfield Rose, M.P.S., J.P., 22 Croft Terrace, Jarrow, Durham, (formerly an alderman of Jarrow), left £12,525, with net personalty £11,972.

Mr. Stanley James Morgan, 17 Ravensbourne Road, Twickenham, Middlesex, formerly a London representative for Richard Hudnut, Ltd., left £6,529, with net personalty £5,377.

Mr. Isaac Leach, Nene Cottage, Hurdsfield Road, Macclesfield (founder of Leach & Son (Macclesfield), Ltd., 34 Market Place, Macclesfield), left £12,699, with net personalty £12,655.

Mr. Joseph Godber, 30 Frant Road, Tunbridge Wells, late commercial manager of Newton, Chambers & Co., Ltd., Thorncliffe, Sheffield, left £45,193, with net personalty £43,401.

Mr. Edwin Robson Maddison, 108 Oxbridge Lane, Stockton-on-Tees, Durham, formerly manager of the Stockton-on-Tees branch of Boots, Ltd., left £2,380, with net personalty £2,320.

Dr. William Martin, 27 Akenside Terrace, Newcastle-on-Tyne, formerly a director of Brady & Martin, Ltd., manufacturing chemists, Newcastle-on-Tyne, left £33,140, with net personalty £32,882.

Mr. Arthur Norman White, M.P.S., 23 The Cliffs, Morecambe and Heysham, Lancs, late managing director, William White & Son, Ltd., 61 Sunbridge Road, Bradford, left £4,673, with net personalty £4,564.

Mr. Thomas Walburn Theakston, Ph.C., 119 Whitchurch Gardens, Edgware, Middlesex, left £12,056, with net personalty £11,943.

BIRTH

Rutledge. — On September 30, Sallie, the wife of Mr. Thomas G. Rutledge, M.P.S.N.I., Omagh, co. Tyrone, Northern Ireland, of a son.

MARRIAGE

Sweeney.—McDermott.—Recently, in Dublin, Patrick Joseph Sweeney, M.P.S.I., 14 Cabra Road, Dublin, to Mary Frances McDermott, Annaughmore, Roscommon.

DEATHS

Ashley.—Recently, Mr. Walter Rennesson Ashley, M.P.S., 5 Welbeck Avenue, High Brooms, Tunbridge Wells, Kent. Mr. Ashley qualified in 1909 and was for thirty-eight years a manager for Taylors, Ltd., and later Timothy Whites & Taylors, Ltd.

Dunbar.—On August 21, Mr. John Dunbar, M.P.S., 110 Markhouse Road, Walthamstow, London, E.17. Mr. Dunbar qualified in 1913.

Huban. — In a Dublin hospital, on September 29, Mr. Joseph Martin Huban, M.P.S.I., Putland Road, Bray, co. Wicklow. Mr. Huban became a licentiate of the Pharmaceutical Society of Ireland in 1918. One of the best-known pharmacists in the Irish Midlands, he was for many years in business in Athlone. He removed to Bray on retiring.

Irvine.—On September 3, Mr. James Irvine, M.P.S., 22 Bradford Road, Shipley. Mr. Irvine qualified in 1896.

Lloyd-Jones.—At a Llandudno hospital on September 20, Mr. John Lloyd-Jones, M.P.S., The Pharmacy, Church Street, Blaenau-Festiniog, Merioneths, aged seventy-five. For thirty-five years Mr. Lloyd-Jones had been secretary of the Pharmaceutical Association for Merioneth and South Carnarvon, and had been appointed president of the Merioneth Pharmaceutical Committee under the new National Health Service Act. He was the oldest member of Moelwyn Lodge of Freemasons. He is survived by his widow, a daughter, a son, two sisters and a brother.

Marr.—On September 28, Mr. John Charles Marr, M.P.S., 28 Lockwood Road, Doncaster, Yorks, aged eighty-two.

PERSONALITIES

Mr. Alexander Macdonald, Elgin, Morays, has been awarded the Pharmaceutical Council's silver medal for 1947.

Miss Mary Dawson, Airdrie, Lanarks, has been awarded the Pereira medal of the Pharmaceutical Society's Council for 1947.

Mr. Walter Deacon, C.B.E., J.P., M.Sc., M.P.S., Bridgwater, has been elected a member of the executive council of the National Association of Insurance Committees.

Mr. L. P. Johnson (secretary of the Guild of Pharmacy in Cork, Eire) secured third place in a competition held recently by the Cork Trout Anglers' Association at Killarney.

Mr. G. F. Rocke, a director of Wilson & Mansfield, Ltd., drug and essential oil merchants, is at present in the United States on a visit to business associates in New York. He will later visit the Pacific Coast.

Mr. W. Crumblehulme, M.P.S., Bolton, Lancs (national chairman of the Council of Retail Distributors), is to be a delegate to an international congress of retail traders to be held in Paris between November 3 and 8.

Mr. William M. Rand (president, U.S.) Monsanto Chemical Co.), who was on holiday in Britain recently, was able to meet some members of the English hurdles team against whom he once competed when representing America in a hurdles contest.

Mr. C. E. M. Andersen (a director of Evans Medical Supplies, Ltd.) retired from active business on September 30 after fifty-six years' service with the company, mainly at its London premises. He is to continue as a director, a position he has held for twenty-five years, until the end of 1947.

Mr. A. W. Thompson, M.B.E., M.P.S., is shortly retiring from his post as Chief Pharmacist, Ministry of Health. Both the Pharmaceutical Council and National Pharmaceutical Union Executive have adopted resolutions expressing the high regard in which he has been held during many years in the administration of the National Health Insurance services.

Dr. W. D. Scott (chief chemist of Monsanto Chemicals, Ltd.) and Dr. J. W. Barrett (the company's exploratory research superintendent) are visiting America to investigate the research activities of the Monsanto Chemical Co. in the U.S.A., with the aim of integrating the research of the British and American companies during the next five years. They are to return in early December.

Mr. Bartholomew C. Sullivan, M.P.S.I., who has recently become a member of the Council of the Pharmaceutical Society of Ireland, was educated at Mungret College, Limerick, passing his pharmaceutical preliminary examination with honours in 1924. He served his apprenticeship at Wrixon's Medical Hall, Mallow, and in 1926 obtained a certificate as compounder from the Apothecaries' Hall, Dublin. He later became a Licentiate of the Pharmaceutical Society of Ireland. Mr. Sullivan gained further experience with Mr. A. Mayne, chemist, Cork, and later with Boots, Ltd., in Nottingham and in London. Returning to Ireland, he opened his own pharmaceutical business in Mallow where he is now well established. Mr. Sullivan was a candidate for election to the Council in 1945, but was not successful.

Mr. E. S. Baynes, M.P.S., who has been appointed chairman of the Incorporated Sales Managers' Association, served in the sales department of Thomas Hedley & Co., Ltd., soap manufacturers, for twenty-five years, retiring in 1946 after being one of the company's principal sales executives. Mr. Baynes qualified in 1905, and during the 1914-18 war specialised in insecticides and pestology. At a later date he qualified also as an optician, and served for a number of years as a branch manager of Heppells, Ltd., chemists, London, later joining Lawson & Co., Bristol, where he worked on insecticides and germicides. Elected a fellow of the Association's council in 1936, and chairman of the London Branch in 1940, Mr. Baynes has been particularly interested in the Association's educational activities. He is furthermore a Freeman of the City of London, a member of one of the Livery Companies, a past master of two Masonic Lodges, and a Fellow of the Grocers' Institute.

TRADE NOTES

Increased Prices. — Ciba Laboratories, Ltd., Horsham, Sussex, announce increased prices for Ovocyclin B brand œstradiol monobenzoate, B.P., and Ovocyclin P brand œstradiol dipropionate.

At Nursing Exhibition.—Wright, Layman & Umney, Ltd., 44 Southwark Street, London, S.E.1, announce that they are exhibiting Wright's coal-tar soap and specialities at the Nursing Exhibition, London, October 20-24.

Sole Agents. — J. R. Bloom, Ltd., 33 Warrington Crescent, London, W.9, have been appointed sole agents for the Fampar Société, Ltd., Paris, and can now supply ampoules and bottles for pharmaceutical purposes.

Change of Label.—Burroughs Wellcome & Co., London, announce the adoption of new labels in blue, white and brown for their speciality Kepler cod-liver oil with malt extract. The quality and composition of the product are unchanged.

Soap Substitute.—Moray Chemical Products, Ltd., are distributing, through Dytex Sales, Ltd., Tintex House, 245 Oxford Street, London, W.1, a new soapless gel to which the name Lathfome has been given. The product is packed in containers holding 8 oz. and 12 oz. respectively.

Prices Advanced.—A.L.Simpkin & Co., Ltd., Hunter Road, Sheffield, 6, announce that the prices of Vita-glucose tablets were advanced on October 6. The new prices have been approved by the Central Price Regulation Committee. Details may be obtained from the company.

Penicillin Kit.—A penicillin kit issued by Hirst, Brooke & Hirst, Ltd., Sheepscar Works, Leeds, provides for the manufacture of auristillæ, guttæ and naristillæ penicillin in a few minutes in accordance with the National (War) Formulary (third edition, 1947). Full details of the kit are given in a booklet which is issued by the company.

Press Advertising.—The manufacturers of Akrotherm ointment for chilblains (Priory Laboratories, Ltd., 21 Eastbury Road, Northwood) are conducting a Press advertising campaign for that product during the period October 1947 to March 1948. In addition they are mailing to all doctors and pharmacists throughout the country a reminder card to link up with regular propaganda during the winter.

Empties Still Needed. — Thanking chemists for a quick response to an appeal for the return of empty packing cases, Newton, Chambers & Co., Ltd., Thorncliffe, near Sheffield, manufacturers of Izal disinfectant, state that there is still an urgent need for more and more cases to be returned promptly if future deliveries are to be maintained.

In Bulk Only.—Owing to an inadvertency, an announcement by C. R. Harker, Stagg & Morgan, Ltd., Devon Wharf, Emmott Street, London, E.1, in last week's issue of THE CHEMIST AND DRUGGIST, listed the company's brimstone and treacle tablets as being available in 3-oz. transparent-tissue bags. The makers state that the tablets are, in fact, offered only in bulk in 2-lb. uncharged tins.

Distribution Announcement.—L.B.W., Ltd., 46 Grainger Street, Newcastle-on-Tyne, 1, announce that there will be no change in the company's policy of supplying L.B.W. barley water solely through the wholesale trade, following deconcentration of the soft-drinks industry. Certain territories in the United Kingdom are open for the appointment of wholesale distributors of the company's products.

"Super-absorbent" Tampon. — Tampax, Ltd., Belvue Road, Northolt, Middlesex, announce the introduction of a new "super-absorbent" Tampax, No. 2. 40 per cent. more absorbent than Tampax No. 1, the new product is marketed in distinctive dark blue packs. Advertising space has been booked in the National and Women's Press, and an announcement appears elsewhere in this issue.

Hand Cleaner for Travellers.—Under the name Travlettes, the L.A.C. Manufacturing Co., Ltd., 11 Salisbury Square, London, E.C.4, have introduced a new hand cleanser, primarily designed for use while travelling. Travlettes consist of paper leaves impregnated with a soapless detergent. They are issued in envelopes of twenty-two, and in a "pocket-companion" size which contains, in addition to larger impregnated sheets, six full-size paper towels.

Northern Ireland Display Competition.—Goya, Ltd., 161 New Bond Street, London, W.1, in conjunction with their Northern Ireland agents, Harold Mitchell & Co., Grosvenor House, 321 Grosvenor Road, Belfast, are holding a first post-war Goya

window-dressing competition in Northern Ireland during the fortnight October 27 to November 8. The prizes are: First, £40; second, £25; third, £15; together with ten consolation prizes of £2 each. A leaflet giving details is available from Messrs. Mitchell.

New Pack.—The Snowfire beauty preparations manufactured by F. W. Hampshire & Co., Ltd., Derby, have been issued in a new pack with label design incorporating a black silhouette head and white scroll on a ground whose colour varies for each preparation in the series.

Reduced Prices.—PARKE, DAVIS & Co., 50 Beak Street, London, W.1, announce that on November 1 the list prices of Haliverol capsules to the public and to professional users will be reduced; bonus terms are available to pharmacists. Reference should be made to the company's announcement made recently.—SPLENDOR, LTD., London and Nottingham, announce that, owing to increased production of Splenlax laxative tablets, it has been possible to reduce production costs and to pass on the saving in a reduced retail price which became operative on October 1.

Centenary Commemoration.—A history of Duncan, Flockhart & Co., manufacturing chemists, Edinburgh and London, whose development is closely bound up with the introduction into surgery of ether and chloroform, the centenary of which has been celebrated this year, is set out in a handsomely produced volume recently issued by the company. The book is stiff-bound in blue and gilt, fully illustrated, and describes the foundation of the firm by John Duncan, his introduction to William Flockhart, the first issue of chloroform by the firm, subsequent expansion and present activities.

PACKAGING ON SHOW

To convince local manufacturers that first-class products need first-class presentation, an exhibition of display and packaging was held recently in Sheffield under the direction of the junior chamber of commerce. Although intended primarily for manufacturers, there was much to interest a retail chemist. Printers, photographers and commercial artists combined to show how much they could contribute to the appearance of a product and to the production of effective advertising material to show it to best advantage. One section was devoted to display outers and "silent salesmen." All showed an effective economy of design and expert use of colour; the lettering was clear and simple without the ornate scroll-work that was once considered essential in a pharmaceutical package design. The purple-flanged boxes shown by Robinson & Sons, Ltd., Chesterfield, were a pleasant reminder of less austere times, but all the exhibitors were working under quota restrictions and a necessity for re-using salvaged paper and metal. Materials used in packing goods for carriage were the subject of another section, and ranged from the familiar cardboard and fibre cartons and balsa-wood cases for air freight, to huge wooden crates, fastened with rope, nuts and bolts, or steel banding. There were several exhibits to show how awkwardly shaped objects could be successfully packed. A display of British export publications, presented by the organisers, included in a prominent position "The Chemist and Druggist Export Review." It may be hoped that any manufacturers who have received inspiration from the exhibition will succeed in persuading their staffs to play their part in packaging so that the retailer is no longer plagued with: (1) The can which leaks because the cap has not been screwed on tightly; (2) the carton that collapses and deposits its contents on the floor because the flaps have not been tucked in properly; and (3) the display carton, so attractively designed, which is crushed beyond possibility of use through careless packing into its final container.—*S.D.*

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

Monthly Meeting of Council

A MEETING of the Council of the Pharmaceutical Society of Great Britain was held in London on September 30 and October 1, Mrs. J. K. Irvine, M.B.E. (president), in the chair. THE SECRETARY reported that, since the previous meeting of the Council, 142 persons had been registered as students or apprentices, making a total of 455 for the current year.

Low Percentage of Passes in Scotland

MR. H. M. HIRST, commenting on the report on Pharmaceutical Chemist examination in Scotland, said there appeared to be something wrong with the teaching when only sixteen candidates qualified out of forty-one. It was the lowest percentage he had known since he had been a member of the Council. MR. A. A. MELDRUM, who presented the minutes of the Education Committee, agreed with Mr. Hirst. He had made some inquiries, he said, and it seemed to him that there was insufficient time in the curriculum for a full quota of experiments in practical work. It was found impracticable in some instances to provide facilities for more than two experiments during a session, and two experiments out of something like forty was, of course, a poor representation.

Financial and Organisational Decisions

MR. G. R. KNOX MAWER moved a recommendation of the Establishment Committee that increases amounting to a total of £417 in 1948 should be made to twenty members of the staff. The recommendation was adopted.

MR. W. S. HOWELLS (treasurer), presenting the minutes of the Finance Committee, moved a recommendation that 3 per cent. Savings Bonds 1960-70, held on Benevolent Fund Donation Account, should be sold to such an amount, not exceeding £8,000 nominal, as might be necessary to complete the purchase of Birdsgrove House. The recommendation was adopted.

MR. F. G. WELLS reported that an application had been received from members in Merionethshire to form a branch for the county as distinct from the present South Carnarvonshire and Merionethshire Branch. MR. G. R. KNOX MAWER suggested that Merionethshire was too scattered to have a successful branch of its own, and the Council felt that the present arrangements should be continued. Forty-nine branch meetings and social functions had, said Mr. Wells, been arranged for the remainder of the session. It was recommended to form a new branch in Yorkshire, to be given the title Dewsbury and District or similar name; the recommendation was adopted. A preliminary report had been given on the Branch Representatives' meeting held in Torquay on September 17, and it was agreed that a full report should be submitted to the next meeting of the Organisation Committee.

Dangerous Drugs Irregularities

MR. C. DAVIS (chairman of the Law Committee), reported that the Home Office had called attention to irregular exports, by certain pharmacists, of Dangerous Drugs, and had suggested that members of the Society should be reminded of the possible serious consequences. MR. F. G. WELLS urged that due prominence should be given to the matter; many pharmacists, he said, did not realise the penalties for supplying Dangerous Drugs where it was known that they were to be taken out of the country. Replying to THE VICE-PRESIDENT, THE SECRETARY said that a similar warning was being issued to doctors. The Council decided to draw the attention of members to the legal position.

Fourth Schedule Poisons

From a report on test purchases by inspectors to ascertain retail pharmacists' practice in selling Fourth Schedule poisons to members of the public for treating poultry, the Law Committee had found that some misunderstanding still appeared to be prevalent. A statement is being prepared for publication.

The Committee had also received a letter of complaint about the use of a prescription pad bearing a dispensing advertisement, and the secretary had been asked to communicate with the General Medical Council upon doctors' use of such pads.

N.H.S. Negotiating Machinery

An invitation from the Ministry of Health for the Society to be represented on October 30 at a conference (one of a series) to consider the establishment of negotiating machinery for pharmacists engaged in the National Health Service, was accepted. Other bodies invited were the Company Chemists' Association, Co-oper-

ative Union, Guild of Public Pharmacists, and National Pharmaceutical Union. The Council decided that the Society should be represented by the president, vice-president, treasurer, Messrs. W. J. Tristram, and A. A. Meldrum, the secretary and deputy secretary, all serving in their personal capacity.

Discussions with Veterinary Surgeons

MR. G. R. KNOX MAWER gave an account of an informal discussion that had taken place, at the instance of the Society, between representatives of the Society and of the Royal College of Veterinary Surgeons and the National Veterinary Medical Association, on subjects of mutual interest to pharmacists and veterinary surgeons.

Registration of Foreign Pharmacists

THE SECRETARY called attention to the provisions of the Medical Practitioners and Pharmacists Bill, Clause 9 of which related to pharmacists and gave effect to the Society's policy in the matters referred to. In reply to MR. F. C. WILSON, he said that, while temporarily registered, foreign pharmacists were subject to such limitations as the Home Secretary thought fit to impose upon their activities; when permanently registered, they would have the same freedom as other pharmacists. Misgivings were expressed by THE TREASURER and by MR. F. G. WELLS at the proposal permanently to register foreign pharmacists who had been temporarily registered after a modified examination. MR. A. A. MELDRUM, expressing a contrary view, deprecated any tendency to "quibble at a bubble on the ocean."

International Conferences

A report on the twelfth General Assembly of the International Pharmaceutical Federation, held at Zurich in August, was submitted by THE SECRETARY. It was agreed to forward suggestions for procedural improvements at such gatherings.

Correspondence with the American Pharmaceutical Manufacturers' Association about a possible joint conference in Britain with British pharmaceutical and medical bodies was received. The Association now proposed 1950 as the date.

Education Requirements Accepted

The report of the Education Committee, presented by MR. A. A. MELDRUM, stated that the Committee had taken note of a resolution passed at the Branch Representatives' meeting in September "That this Branch Representatives' meeting accept the new education proposals subject to the maintenance of the integrity and essentiality of the Society's Statutory qualifications."

Codex Formulas

On the recommendation of the Codex Revision Committee, the Council decided to authorise that certain war-time amendments of the British Pharmaceutical Codex, published in the Second Supplement, should be cancelled on the ground that reversion to the original formulas of the B.P.C., 1934, would give uniformity with the National (War) Formulary, third edition. The decisions affect the following two preparations and become operative on December 1:—

Linctus Scillæ Compositus. — Delete statement in Second Supplement, p. 13. Formula reverts to that given on p. 1294, British Pharmaceutical Codex, 1934.

Mistura Alba. — Delete statement in Second Supplement, p. 18. Formula reverts to that given on p. 1349, British Pharmaceutical Codex, 1934.

Resignation from Council

MR. G. R. KNOX MAWER said he was taking the opportunity to resign from the Council. Something like ten years previously the United Chemists of Wales had suggested his name for co-option, and he had endeavoured to the best of his ability to do his duty and to win the esteem of his colleagues. In fact, that was the only qualification on which he would like the Council to consider the co-option of a pharmacist from the Principality. He had been happy in his work and in the many friendships he had made, not only among Councillors, but also among the Society's staff, and it was with a certain amount of regret that he took his leave of the Council. In ten years he had seen a remarkable change in the average age of Council members. At the present time, when pharmacy had to take important and vital steps, it was of great advantage to have younger men on the Council.

THE PRESIDENT said that all members of the Council would have heard Mr. Knox Mawer's remarks with as much regret as she herself had done. An endeavour would have been made to induce him to alter his decision if the reason had not been ill-health. Mr. Knox Mawer would take with him the best wishes of the Council.

NATIONAL PHARMACEUTICAL UNION

THE monthly meetings of the Executive Committee and of the directors of the Chemists' Defence Association, Ltd., were held in London on September 24, under the chairmanship of Mr. G. H. M. Graham.

Shortage of Infant Foods

THE SECRETARY reported on discussions that had taken place with the Ministry of Food arising out of the acute shortage of dried milk foods for infant feeding; it was understood that the Ministry proposed to issue in the near future (see p. 429) a regulation making it an offence to sell or purchase by retail any dried milk food except on production of a green ration book issued in respect of a child under the age of two years at the date of sale, and to require marking of the ration book to indicate supplies made on it. [Details of the proposed Order were announced on October 7.]

Formulary Changes

The following points arising out of the introduction of the third edition of the National (War) Formulary, and based on information from the Ministry of Health, were considered by the Central N.H.I. Committee. Where prescribers order, after September 30, mist. tussis nig., the formula given in N.(W.)F. for mist. morph. et ipecac. should be used. The N.(W.)F. formula for lin. methyl. sal. refers only to arachis and cottonseed oils as the vehicle; rape oil (as permitted in the current British Pharmaceutical Codex formula) may also be used, as, owing to unanticipated oil supply difficulties, the intention to bring the B.P.C. formula into line with the information given in the N.(W.)F. has been abandoned for the present. Tab. mepacrin., 0.05-gm., are not being manufactured. Where they are ordered the 0.025-gm. tablets should be dispensed, with appropriate adjustment of dosage.

The Central N.H.I. and Joint Contractors' (National Health Service) Committee gave consideration to the draft General Medical and Pharmaceutical Services Regulations to operate under the National Health Service Act, and noted a number of matters upon which to make representations to the Ministry of Health. A Ministry reply on representations previously made on the draft Services and Tribunals Regulations (N.H.S.) was considered, and various points submitted were approved. Special attention was also directed to the basis of the claim for adequate remuneration under the new Service, pricing of prescriptions and rural area pharmaceutical service, in anticipation of the commencement of negotiations with the Ministry on these and related matters at an early date.

Working Party on Dispensing Conditions

It was reported that Messrs. D. A. Bryan and G. H. M. Graham had accepted invitations from the Minister of Health to serve on a "working party" committee which he was setting up to inquire into differences in dispensing practice in Scotland on the one hand and England and Wales on the other. It was understood that invitations to represent chemists in Scotland had been accepted by Messrs. Meldrum and Shields. The "working party" committee was to be guided by a steering committee appointed by the Minister, and on that Mr. Mallinson had accepted an invitation to serve.

The Executive also gave detailed consideration to an application put forward by the trade union side of the National Joint Industrial Council for Retail Pharmacy for a revision of the current agreement, and instructed its representatives on the J.I.C. in accordance with views expressed by N.P.U. branches, to which the matter had been remitted for their opinions.

Other reports from subcommittees indicated that representations had been made to the Ministry of Fuel and Power in connection with supplementary petrol allowances; that the policy of certain toilet manufacturing houses in issuing standard "composite" parcels of toilet goods was still under examination; and that the preparation of a programme of branch meetings for the winter session was well advanced.

Chemists' Defence Association

THE SECRETARY of the Chemists' Defence Association, Ltd., reported that twenty-six claims remained uncompleted. Four "third party" claims had been settled at an average payment of £10. A claim arising out of the accidental spread, to a neighbour's premises, of a fire lit to burn rubbish in a member's backyard, was settled at a cost of £40. The report to the directors also included particulars of matters on which legal advice had been obtained for members from the Union's solicitors. Many of the inquiries had to do with lease and tenancy problems.

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

THE Council of the Pharmaceutical Society of Northern Ireland met in Belfast on September 26, Mr. John McGregor (vice-president) in the chair. Also present were Messrs. H. H. Cowzer (treasurer), Walter C. Tate, James McDowell, C. Abernethy, W. P. Ewart, H. W. Gamble, F. R. Moore, J.P., J. Irwin, W. H. Boyd, H. F. Moore and James Glendinning. Mr. W. Gorman (secretary) was in attendance. An apology for absence was received from Dr. H. D. Heazley.

Classes at Enniskillen

A letter was read from Sir Lindsay Keir (vice-chancellor, Queen's University, Belfast) thanking the Council for a donation of £105 to the University Centenary Endowment Fund. After a discussion on the question of classes on subjects in the Part I examination syllabus at Enniskillen Technical School, it was agreed that the vice-president and secretary should visit Enniskillen to discuss the position with the members of the local Association.

Mr. J. E. Connor, J.P., Newry, wrote that owing to failing eyesight he was reluctantly compelled to sever his connection with the Council. Mr. McGregor, paying tribute to Mr. Connor's work, recalled that he was a past-president of the Society and the only member of the present Council who had served on the original Council. It was unanimously agreed that a resolution of appreciation of Mr. Connor's services should be recorded in the minutes.

It was decided that the annual meeting of the Society should be held on October 6.

Winter Programme

THE SECRETARY reported that two lectures had been arranged for the winter session: one by Mr. E. Walton, M.Sc., Ph.D., (Wellcome Research Laboratories, Beckenham) on "Morphine Substitutes" would be given on November 12, and another, by a member of the staff of Parke, Davis & Co., would be given in January. It was also reported that a deputation appointed by the Council had met certain members of the staff of the College of Technology, Belfast, to discuss the regulations affecting entries for the Society's final part I and II examinations. It had been agreed that a 75 per cent. attendance should be required of all students in the course for each examination.

Examiners' Reports

The reports of the examiners at the June examinations, included in the report of the Education Committee, are summarised below:—

Part II Chemistry: Most candidates were either well up to the standard required or well below it, with a few border-line cases. In the theoretical paper a good knowledge of organic chemistry was displayed by most of the successful candidates. The practical work was, on the whole, well done (examiner, Dr. J. E. Driver).

Part II Pharmaceutics, Pharmacognosy and Forensic Pharmacy: As these examinations were conducted on the new syllabus, the percentage of passes was good. The theoretical and practical pharmacognosy papers were well done and only seven failures occurred. The new syllabus called for an extensive knowledge of all phases of pharmacy. In the practical examination calculations were well done. Prescription reading was good, and in the dosage of drugs, the answers were satisfactory though some candidates were apt to guess. The papers on forensic pharmacy gave little trouble to the candidates (examiner, Mr. G. Perrins).

Part II Physiology: The standard attained in the final examination was satisfactory (examiner, Professor H. Barcroft). *Part I Chemistry:* The general standard in both theoretical and practical work was reasonably satisfactory (examiner, Dr. Driver). *Part I Physics:* Generally speaking the quality of the work in the practical physics examination was superior to that in the theoretical. Of the eighteen candidates referred in physics from a previous examination it was found possible to pass only four (examiner, Dr. R. H. Sloane).

Part I Biology and Botany: On the whole the practical reached a much higher standard than the theoretical. Twenty-eight candidates of thirty-nine were successful (examiner, Miss M. Clapham). *Biology and Zoology:* Of the thirty-six candidates in zoology, eleven failed to achieve the necessary 50 per cent. If all candidates were given an equal opportunity to complete the practical syllabus, a fairer result would be attained (examiner, Mr. G. Williams). After a discussion on the reports, the Council decided to send to each technical college sufficient copies to supply every teacher.

GUIDE TO NEW MEDICAMENTS

Information—in a form convenient for mounting on record cards for permanent card-index systems—about new proprietary medicaments supplied principally on a prescription. Their mention in these columns does not imply Editorial recommendation. A limited number of reprints will be made available to subscribers on application.

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MANUFACTURER: Evans Medical Supplies, Ltd., Speke, Liverpool, 19.

DESCRIPTION: An enzyme hydrolysate of liver protein containing natural vitamins combined with malt extract.

INDICATIONS: Protein-replacement therapy.

DOSE: Sufficient to supply the required protein intake.

HOW SUPPLIED: Hermetically sealed tins containing 5 oz.

NOTES: Stated to contain "all the essential amino acids," together with the following vitamins present in their natural state: A, D, aneurine, riboflavin, nicotinic acid, pantothenic acid, pyridoxin, biotin, folic acid and inositol.

CREMOSUXIDINE

MANUFACTURERS: Sharp & Dohme, Ltd., Hoddesdon, Herts.

DESCRIPTION AND FORMULA: A chocolate-mint flavoured suspension containing:

Succinylsulphathiazole	10	per cent.
Pectin	1	per cent.
Kaolin	10	per cent.
Benzoic acid	0.3	per cent.
Alcohol	5	per cent.

INDICATIONS: Specific and non-specific diarrhœas, including bacillary dysentery, paradysentery, salmonellosis, diarrhœa of the new-born and 'summer diarrhœa.'

DOSAGE: Adults: 2-3 tablespoonfuls; Children: 1-2 tablespoonfuls; Infants: 2-3 teaspoonfuls — four times daily

HOW SUPPLIED: 4-oz. and 16-oz. bottles.

NOTES: The manufacturers state that as the active ingredients are in a fine state of subdivision, the preparation may be administered to infants with the regular bottle-feed.

ANTHISAN

MANUFACTURERS: May & Baker, Ltd.

DESCRIPTION AND FORMULA: Pyranisamine maleate (N-dimethylaminoethyl N-p-methoxybenzyl-α-aminopyridine maleate).

INDICATIONS: A powerful antihistaminic substance of low toxicity for the symptomatic treatment of serum sickness, angio-neurotic œdema, hay fever, vasomotor rhinitis and allergic skin conditions.

DOSAGE: Mainly administered orally. Dosage and frequency of administration require to be adjusted according to patients' needs. Daily dose should always be divided into from two to four portions taken during meals. Adults and children over seven years: Maximum initial daily dose, 0.3 gm.; maximum daily dose, 1.0 gm.

Children under seven years: Half doses or less. Deep subcutaneous injection only when absolutely necessary. Average daily dose varies with needs of patient. First doses should not exceed 0.05 gm. (2 c.c. of 2.5 per cent. solution).

HOW SUPPLIED: Sugar-coated tablets of 0.10 gm., in containers of 25 and 500; 2-c.c. ampoules of 2.5 per cent. solution in boxes of ten.

NOTES: Distributed by Pharmaceutical Specialities (May & Baker), Ltd., Dagenham.

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INFORMATION WANTED

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Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire.
VOL. CXLVIII OCTOBER 11, 1947 NO. 3529

Schedule 4 "Repeats"

Our statement (*C. & D.*, July 12, p. 49) that a prescription for a Fourth Schedule poison (e.g., phenobarbitone) is not in order unless it indicates the total amount of drug to be supplied has met with a mixed reception. Some pharmacists take refuge in the official view of the Home Office and the Pharmaceutical Society (which sanctions the patient's obtaining the drug *ad libitum* on a "repeat" prescription); this, they consider, provides adequate protection. The view, briefly, is expressed in the statement (Home Office Memorandum, 1936, Poisons, No. 3 (Practitioners and Hospitals) p. 9) that the question "whether a practitioner may properly issue a prescription upon which a drug can be obtained indefinitely is one for the practitioner himself to decide." In apparent support of their contention such pharmacists point out that our editorial article was brought to the attention of the Pharmaceutical Society's Law Committee, which decided that no action was necessary, because "the Society's interpretation on this matter was in line with that adopted by the Home Office."

Nevertheless, the fact remains that the "official" view is in direct conflict with the precise provisions of Poison Rule 12 and with the recommendation of the Poisons Board on which the Rule is based. The Board's explanation is worth citing in full, as it seems to be most prophetic in its application:—

> It frequently happens that these drugs are genuinely required over long periods of time, e.g. phenobarbitone in cases of epilepsy, and it would create an unnecessary hardship for the patient to be compelled to incur frequent medical fees merely in order to renew the prescription.
>
> On the other hand, to place no limit upon the number of times a prescription may be dispensed would be *to frustrate the whole purpose of the restrictions at least in so far as the danger of cumulative poisoning is concerned,* as the holder of a prescription could, in that event, at any time and throughout his life, take the drug irrespective of the medical requirements of his condition and without medical supervision.
>
> This question whether and for how long a patient should be permitted to obtain supplies upon the prescription should, we consider, be left to the doctor in charge of the case to decide, and we recommend that the prescription should not be permitted to be dispensed more than once unless the prescriber specifically authorises it and *then only for such number of times and at such periods as may be directed on the prescription.*

The above explanation (the italics are ours) confirms our interpretation of the intention and text of Poison Rule 12, and in particular that the total amount of drug to be supplied must be specified by the number of "repeats," the statement of "intervals" acting as an additional safeguard against unauthorised procurement of the drug.

The danger to which the unwary dispenser of Schedule 4 drugs is exposed is illustrated by the following prescription received by one of our subscribers:—

℞
Phenobarbitone gr. ½ t.d.s.
Phenobarbitone gr. 2 nocte
Repeat as necessary.

The prescription (dated June 1946) clearly sets out the prescriber's intentions, and authorises dispensing the drug at the rate of twenty-one ½-grain and seven 2-grain tablets weekly at proper intervals. Yet the prescription contravenes Poison Rule 12 on three counts. Neither (i) the total amount of drug; nor (ii) the number

of occasions of dispensing; nor (iii) the duration of the intervals is specified. It could be argued that the direction "Repeat as necessary" implies the supplying of a definite amount at precise periods. *Per contra,* the prescription is the property of the patient to whom "as necessary" means whenever the supply is exhausted. In the event, it resulted in eighty-four ½-grain and twenty-four 2-grain tablets being obtained every fortnight. Such excess, in Poisons Board language, "frustrates the whole object of the restrictions."

Our advice on the matter is based upon strict compliance with the law, coupled with the desire to be as helpful as possible within the limitations thereof. The admissibility of ambiguities such as "To be repeated" or "Repeat when necessary," with the choice left to the patient, is beyond our ken, considering the frailty of human nature at all times and especially when weakened by drug habituation or addiction. Our subscriber writes that as a result of our Editorial referred to, he asked the last previous supplier by telephone if he had any comment to make. The reply came that "he did not consider it in order, and would be glad if, before the prescription was dispensed again, the patient would communicate with the doctor and get it put right." Wisely refusing to supply unless this course was taken or another prescription obtained locally, our subscriber had to put up with the customer's getting "very annoyed," and presumably presenting the prescription at yet a third pharmacy in the town.

Such contretemps could not occur if the prescription had been in order, or put in order, in the first instance. The medical profession is well aware of the abuse of barbiturates, as is evident from an injunction in the new National (War) Formulary, where the doctor is urged, in order to avoid accidents, to prescribe the minimum quantity necessary, and informed in bold type that, as regards Fourth Schedule drugs, he must state "the strength, the dose and the total number or amount of the drug or preparation ordered." This explicit direction should be most helpful if followed by the prescriber in his private practice also. If the course of action laid down is followed before the first time of dispensing, both doctor and dispenser are protected from ignorance or carelessness on the part of the patient, and from any legal consequences thereof, which may include action otherwise than at the instigation of the Pharmaceutical Society.

Baby Food By Ration Book

PROMPT action has been taken by the Minister of Food to eliminate a maldistribution of manufactured baby foods to which we drew attention editorially last week. The Minister announced on October 7 the issue of a new Order (see p. 429) under which it becomes an offence to sell baby foods except on production of a green (child's) ration book. Not only must the book be produced: it is made clear that retailers and/or welfare centres must mark coupon O (p. 13 of R.B. 2) to indicate each purchase of one tin. Distribution of manufactured baby foods is, of course, not under the direct control of the Ministry, and there is neither the intention nor the possibility of guaranteeing that any baby food, still less a particular brand, will be available for supply against coupons produced by a customer. The new arrangements are designed to ensure that no unauthorised person obtains supplies from the insufficient quantities at present available. They will be welcomed alike by the manufacturers, who get the "backwash" of any ill-feeling created by unfair distribution, by retailers, who have often been called upon to decide without adequate knowledge of a customer whether she is entitled to baby food or not, and by those mothers who genuinely need milk foods for their infants.

FIFTY YEARS AGO

Chemists' Assistants' Association

(*From the C. & D., October* 9, 1897)

WE hear that the rooms which this Association have obtained at 73 Newman Street, W., are exceedingly comfortable, and there is a prospect that they may draw a larger number of members to the meetings than has been the case this past few winters. At all events, the Council have ensured that the members shall have all the comforts of a club for at least one night a week during the winter, and that for a subscription of 5s. The session began this week.

SCIENCE SESSIONS

(*Continued from* THE CHEMIST AND DRUGGIST, *October* 4, *p.* 421)

Parachlorophenyl Glycerol Ether as Antibacterial Agent

BY FRANK HARTLEY

[ABSTRACT]

LIKE most aryl glycerol ethers, *p*-chlorophenyl glycerol ether is a colourless and almost odourless solid. It crystallises from a mixture of benzene and light petroleum in colourless plates, m.p. 80° C., b.p. 214° C./19 mm. It is non-volatile in steam and soluble in water to about 0.6 per cent. at 25° C., though supersaturated aqueous solutions can readily be prepared. It is much more soluble in organic solvents. Aqueous solutions are neutral, and both the solid and the solution remain colourless on storage. It is unaffected by dilute acids and alkalis or by exposure to light. It was decided to examine more fully its antibacterial and antifungal properties. The minimum concentration inhibiting the growth of *Staphylococcus aureus* in water was determined by inoculating series of dilutions of 0.5 per cent. w/v solution of *p*-chlorophenyl glycerol ether in sterilised water and control tubes of sterilised water, and incubating at 37° C., observing after twenty-four hours the highest dilution in which growth of the inoculum had been inhibited. After tests described and tabulated in the paper, it was concluded that the compound has antibacterial and antifungal properties not of the highest order, which warrant further consideration of its value as a preservative for many pharmaceutical purposes. (From the laboratories of The British Drug Houses, Ltd. Acknowledgements are given by the author to a number of other workers from whom he received assistance.)

Discussion

MR. BEAN, London, criticising parts of the author's method, suggested that after twenty-four hours the growth of bacteria might not have been sufficient to be detected by the eye. In the bactericidal tests, the author had taken the precaution of incubating for five days, with broth as medium. One sample only had been taken, however, which might mean that the result was erroneous. Results from several samples should have been shown.

MR. T. D. WHITTET asked if any curarising effect had been observed, in view of its chemical resemblance to Myanesin.

DR. I. MICHAELS said that the bacteriological tests were far from sound. The end point, for example, "killing in such a time" had little meaning, for other workers would obtain different results for different times. He urged that the efficiency of the bactericide should be calculated, taking into account, amongst other factors, dilution, LD50 coefficient of activity, and temperature. Why should the substance be compared in activity with phenol?

PROFESSOR H. BERRY said that the substance being a derivative of glycerol was related to phenoxetol. Phenoxetol had, however, a number of advantages, including comparative absence of undesirable effects, which the compound described by the author did not possess. The author should have brought out the special properties of the compound more fully. He regretted that Dr. Hartley had not given the historical background to the new compound, or shown the development of it through a homologous series. Probably in the future these would be forthcoming in conjunction with Dr. Bradley. Not sufficient detail had been given to form an opinion on the bacteriological work described in the paper. For example, what were the nutrient broths used? *B. subtilis*, the organism chosen, was bad for growing. Dr. Hartley was to be congratulated on getting results to three decimal places in table 2, but it was not possible to understand their meaning, as not enough detail had been given. The substance had been described as being of pharmaceutical interest and amongst the least toxic of many substances examined. What were the other substances?

DR. HARTLEY, replying, said that Professor Berry would not expect him to cross swords on a method of bacteriological technique which had taken many years to master.

Replying to Mr. Whittet, he said that no muscle relaxing properties had been observed, and to Dr. Michaels, he said that until phenol lost its "official blessing" there was reason for using it as a standard of comparison.

(*To be continued*)

BRITISH PHARMACEUTICAL CONFERENCE 1947

BRANCH REPRESENTATIVES' MEETING

(*Concluded from* THE CHEMIST AND DRUGGIST, *October* 4, *p.* 418.)

Canvassing by Council Candidates

Opening the discussion on the proposed by-law restricting canvassing by candidates for election to the Council, MR. W. J. EVANS, Cardiff, said it was not liked by his branch. Were candidates not to be allowed to give addresses to branches? THE PRESIDENT replied that a candidate was free to accept an invitation from a branch to address its members.

MR. E. NEVILLE BROWN, South-west Metropolitan, suggested there was a danger that candidates might become disqualified by reason of canvassing carried out on their behalf, though without their consent, by outside bodies. He threw doubt on the contention that action by individuals during an election could be ignored.

MR. W. H. BOORMAN, East Kent, urged that the power to disqualify should be given to the Statutory Committee and not to the Council.

MR. J. E. BLACKWELL, North Metropolitan, received an ovation for a lengthy contribution in which he asked what was meant by canvassing and propaganda. He was interested, he said, to note the activities of retiring Council members visiting branches during the months prior to the end of their term of office. Pharmacists were professional people and could be trusted to act professionally over an election. Propaganda ought to be allowed, otherwise they were going to breed "yes men" as their representatives on the Council. The by-law should be opposed.

MR. H. WALSH, Birmingham, urged that it was unsuitable to introduce legislation on account of "a few black sheep." The real safeguard against abuses was the freedom of individuals to canvass on their own account. There was widespread propaganda, he pointed out, in the elections of the British Medical Association.

MR. A. G. MADGE, Plymouth, said the by-law treated members like children.

MR. LINSTEAD rose at this juncture to point out that only two things were prohibited by the proposed by-law; one was canvassing and the other was requesting opportunities to address branches. The limitation on canvassing would put all candidates on the level and not give advantage to the candidate with money. He recognised the feeling of the meeting that the by-law method of securing control over candidates' propaganda activities was not wanted.

After MR. I. PEEL, Huddersfield, had said that the feeling of the meeting was against any restriction at all, MR. H. WALSH, Birmingham, moved "That this Conference is of opinion that any restrictive regulation on election canvassing is unnecessary, and believes that as much can be achieved by relying on the good sense of members, as the experience of the last two years has shown, as by restrictive measures." When this had been seconded, MR. J. M. ATKINSON, Harrow, suggested that the resolution was unnecessary, and MR. WILLIAM EVANS, Cardiff, thought there should be some restriction on election expenditure. MR. W. N. BOORNE, Exeter, moved an amendment to this effect, which was seconded.

THE SECRETARY declared that it would be extraordinarily difficult to regulate by direct limitation the amount of money spent, though he agreed with MR. TWISS, Warrington, that candidates might be required to make a return of expenditure.

MR. E. A. BRIGGS thought that an organisation with money could put anyone on the Council.

MR. WALSH, who claimed the right to reply before a vote was taken, urged that no limitation of expenditure could stop "all sorts and degrees of canvassing." They should continue as at present until the need for a change became evident.

The amendment was put and lost. Part of a resolution by the East Kent Branch, timed for discussion at the afternoon session, was allowed to be treated as an amendment to Mr. Walsh's motion and dealt with at that point. It was to the effect that the Council should not proceed with the proposed by-law. It was put and carried; put again as a substantive motion and again carried.

Time of Annual Meeting

The next report to be considered by the Branch Representatives was that dealing with the time of holding the annual meeting. THE SECRETARY, in presenting the report, stated that experience had shown that there was no convenient time at which to hold the annual meeting, as the interests of London, provincial and employee members

of the Society were not reconcilable. Moreover, the Society was under some restriction as to the time of holding the meeting. Several other suggestions were made by Representatives, such as the holding of the meeting at the time of the two-day Branch Representatives' meeting and increasing the number of scrutineers.

MR. W. J. EVANS, Cardiff, asked if the discussion could be adjourned to meet a feeling that it was linked with a resolution by Harrow Branch to be discussed that afternoon. This was agreed.

At the commencement of the afternoon session, THE PRESIDENT announced that a resolution, of which notice had been given in the morning by MR. P. G. FLOOD, South-east Metropolitan Branch, "That meetings of Branch representatives be formally recognised by the Society, with powers equivalent to those residing in the Annual General Meeting," would be put. MR. LINSTEAD interpolated a remark that, although such meetings would obviously be more representative than the usual attendance at annual general meetings, there were still rights of members in a democratic society to be safeguarded. He thought the difficulty could be overcome if it were arranged that the Branch Representatives' and annual general meetings should take place at approximately the same time.

THE PRESIDENT considered that one day was never enough for Branch Representatives' meetings.

MR. H. HUMPHREYS JONES, Liverpool, asked whether, if the secretary's proposals were approved, members not representing branches would have the same voting rights as the Branch Representatives.

THE PRESIDENT understood that every member of the Society had the right to come to the annual meeting whether a delegate or not. A Branch Representatives' meeting could deal separately with questions affecting the branches.

MR. W. J. APPLEBY, Nottingham, questioned the need for individuals to attend a general meeting. He presumed all delegates present that day had instructions from the majority of those they represented, and if they voiced the views of the majority it was unnecessary for individuals to speak.

MRS. H. E. SKINNER, North Metropolitan, considered there was some confusion of thought. The delegates' meeting would be called as now, and the annual meeting would be called as such. It would be open to representatives to attend the annual as members of the Society, and there was no question of instructions from branches.

MR. S. D. ANDREW said that the secretary's suggestion met his point, and this was approved by the meeting. MR. G. CHECKLEY, Eastbourne, who asked whether this meant that the Branch Representatives' meeting would now be held in May, was told that details of that kind would have to be worked out. It was treated as understood that the Council would explore the possibilities of the new arrangement.

Educational Changes

In the absence of the Chairman of the Education Committee, who was on his way to the United States, a statement sent by him was read by THE SECRETARY. In it he summarised the decisions (see *C. & D.*, April 12, p. 407).

MR. S. D. ANDREW, Stockport, thought the Council had too strongly condemned "commercialism." The interim report, in its criticisms, suggested that pharmacists were indistinguishable from "dispensers" and was insulting to the average chemist and druggist of today. Like all hurtful statements, however, it contained a grain of truth, and his Branch found no fault with the advancement of education so long as it was within the bounds of reason. A post-Intermediate university course, with no recognition, prefaced by an entrance examination that carried no weight with northern universities, was not desirable. Few schools could give the four subjects required up to Higher School Certificate standard. Pharmacists would be created with an academically unsound diploma.

MR. G. CHECKLEY, Eastbourne, urged a postponement of the new regulations for two years to tide over the difficult time ahead, when new pharmacies would have to be started and additional work done under the National Health Service with a dearth of qualified men for those duties. If they had a shortage of labour forced on them there would be a breakdown.

MR. E. A. BRIGGS, Liverpool, thought it unlikely that a student with a Higher School Certificate would do three years in a university and then twelve months' training in a pharmacy. The practical training, therefore, should be done before the academic, and the School Certificate was ample for that purpose. The present pharmaceutical qualification was sufficient for what was wanted in retail pharmacy.

MR. APPLEBY, Nottingham, said that education was never a waste of time, but he would rather see the Council set a standard and climb up to it gradually.

A Farsighted Policy

MR. OLIVER, Portsmouth, congratulated the Education Committee on its farsightedness. Far from students being turned away from pharmacy the reverse was the case, for it was more difficult today to get into a medical school than to obtain a house. Education was advancing, and there was great difficulty in getting a child into a secondary or grammar school. That meant that there were more persons being trained and more were obtaining the Higher School Certificate. The present difficulty in schools was not the four-subject H.S.C., but the fact that the inclusion of biology made it tantamount to five subjects.

MR. HUGHES, Anglesey and Carnarvon, stigmatised the proposals as inopportune. For twenty-five years they had listened to schemes of advancement in the academic side of pharmacy, but a young pharmacist who joined the Forces today needed a bit of luck even to attain the rank of sergeant.

MR. E. ADAMS, Leicester, favoured a two-year apprenticeship before academic training. As a lecturer in pharmacy he had found it impossible to do in college what should have been done during the student's apprenticeship.

DR. K. BULLOCK, Manchester, said that, at Manchester University, as there were only twenty-five places in the course, such a requirement would mean limiting the pharmacy department to twenty - five students. The difficulty of finding schools providing the kind of instruction needed meant that, if a four-subject Intermediate was required, it would put one year on to the pharmacy student's course. That might be remedied. Manchester students, in their final one-year course for the present Chemist and Druggist examination, found it a terrific "cram." For a Ph.C. by 1952 they would require two years' cramming instead of one, and this would be even worse. He suggested that the requirements might be Ph.C. standard in pharmaceutics, but the present C. and D. standard, or not very much higher, in chemistry, pharmaceutical chemistry, and pharmacognosy and physiology. The housing of students for an additional year, he said, would be a serious problem. He thought it would have been better to see the effects of a two-year course before committing themselves to three years at a specified date.

Replying to the debate, MR. LINSTEAD said that three Ministers to whom he had talked about the possibility of doing something better for pharmacists in the Army had told him they agreed with him as individuals, but had to take advice from their officers, who said they could not give special recognition to pharmacists without also giving it to "other medical auxiliaries." Pharmacists would only be able to get rid of the classification "medical auxiliary" if they were able to bring it home to those in authority that the pharmacist was a person able to make his own decisions and willing to accept all the responsibility that went with them. He was amazed to find how many other professions were introducing educational courses running into three or four years—even nurses were doing their best to get a nursing degree instituted. Pharmacists must not allow themselves to lag behind.

A fundamental issue they were facing over educational policy was the question who was to take the lead—their own Society or the universities? If they sat back and allowed the universities to introduce three-year final courses first, then the Society's fate would be the same as that of other static bodies; they would become the cheap and easy way of getting a qualification in pharmacy.

The fact that large numbers of pharmacists might be qualified to meet what appeared to be a man-power problem did not really mean that they would be helping the members in the shops at the present time. Where the newly-qualified man was likely to go was not to the private man with his own shop—there were demands today for managers which would result in the opening of new and additional shops, not necessarily by the private man or by the big combines but by other organisations. What was wanted was not more heads in pharmacy but more pairs of hands. The place of the pharmacist in pharmacy was going to be very much more directional and much less concerned with doing work with his own hands. Others should do that.

MR. H. WALSH, Birmingham, said the danger seemed to be in a lot of new people coming in at the top to take the place of the pharmacist, not at the bottom. He was certain that the Society's education policy would lift pharmacy above the position it now occupied—that of the handmaiden of medicine.

MR. J. M. ROWSON, Sunderland, said the number of entries into pharmacy, so far as the colleges were concerned, had considerably increased. At his college the number of entries for the B.Pharm. degree with honours exceeded for the first time the number of entries for any other course in

pharmacy. It was a sign of the times and he had no fear for the future of pharmaceutical education.

Replying to a question raised by MR W. STANIER, North Staffs, MR. LINSTEAD said the numbers on the pharmaceutical Register were, approximately: 1939, 24,000; 1947, 25,000. The average annual loss was 270. Registrations, which in 1938 amounted to 650, fell off during the war, but in 1947 reached 600 odd. It seemed that they would be achieving an annual increase over loss of 350.

About health centre pharmacists, the Minister had made it clear that he was not going ahead with the provision of health centres at anything like the rate at first intended.

This concluded the debate on education policy and THE PRESIDENT said the discussion would be most carefully examined by the Education Committee and by the Council. A resolution put by Mr. H. Walsh, Birmingham: "That this Branch Representatives' meeting accepts the new education proposals, subject to the maintenance of the integrity and essentiality of the Society's statutory qualifications" was adopted without further discussion.

Motions from Branches

Motions from branches were then dealt with. As no proposer was present to move the first on the agenda (that of the Dartford Branch calling for more space in the "Pharmaceutical Journal" for letters from members and reports of branch meetings) it was not put to the meeting. The mover of the second, a resolution put by the Durham County Branch, "That it is the opinion of this conference that the interest of the student and the profession requires a minimum of two years' apprenticeship before the commencement of final academic training," was MR. W. LOW, Durham, who observed that members had been assured that, while the education proposals had been adopted by the Council there was still an opportunity for them to be altered, and he hoped his branch's resolution would be adopted if only to show their elected representatives that there were some people who felt they had been slighted. MR. GILLHAM, Leeds, then put as an amendment, "That it is the opinion of this conference that in the interests of the student and the profession he should be encouraged to take a two-years' apprenticeship before commencing a qualifying course." MR. W. N. BOORNE, Exeter, seconded the amendment. MISS K. BELL, Newcastle, said members of her branch felt that apprenticeship before qualifying gave pharmacists an "indefinable something." The amendment was put and carried by forty votes to twelve and was subsequently carried as a substantive motion.

A second resolution put by the Durham County Branch, "That this conference deplores the adoption of the new education policy without its having first been studied and discussed in the local branches," was put to the meeting without discussion and lost by thirty-seven votes to twenty-two.

A resolution from Harrow Branch was withdrawn; it called for separation of the Branch Representatives' meeting from the British Pharmaceutical Conference.

On behalf of the Leeds Branch, MR. R. W. GILLHAM moved "That it is the opinion of this conference that, in view of the greatly increased cost of maintaining normal branch work, the *per capita* grant should be increased to 4s." He said it was fairly safe to estimate that at the present time there was no branch which could function efficiently within the present grants. MR. W. J. EVANS, Cardiff, seconded.

MR. LINSTEAD said that to carry out the suggestion in the resolution would cost about £1,800 to £2,000 a year and ultimately the money would have to come from the pockets of all the members.

No vote was taken on the resolution and Mr. Gillham then went on to put a second resolution from the Leeds Branch, "That it is the opinion of this conference that no alteration or amendment to the Society's by-laws should be made except with the approval of a Branch Representatives' meeting by a two-thirds majority." Mr. Gillham said the purpose of the resolution was to preserve the democratic character of the Society. He declared there was scarcely another organisation in the country which did not have such a rule permitting an alteration in the by-laws only with the agreement of two-thirds of the membership. MR. S. D. ANDREW, Stockport, seconded.

MR. LINSTEAD explained that originally the Society's by-laws had to be approved by a general meeting of the Society and as long as they were of a domestic character the system worked fairly well, but as the Society was invested with more powers of a public nature the arrangement was found difficult to work. In 1933, the Government stated that they did not feel that powers of a public character should be exercised by people who would be affected

by their content and, therefore, at present, as a result of the 1933 Act, the by-laws were made only by the Council subject to the approval of the Privy Council.

On being put the resolution was lost.

MR. A. MORTIMER, Thames Valley, then proposed: "That it is the opinion of this conference that the Society should do more to make known to members what they should do under the Act, and the Council should press for a high priority for drugs and medicines in the event of further crises." During last winter's fuel crisis, he said, the Fuel Minister, in deciding what was essential and unessential had decreed that drugs, medicines and everything appertaining to pharmacy, including surgical dressings, were unessential and there was no help in the way of fuel with which to carry on. They were not asking to be regarded as an essential industry from the point of view of having directed labour; they did ask that the Council should bring pressure to bear to see to it that manufacturers of drugs, medicines, surgical dressings and everything appertaining to pharmacy were regarded as essential. MR. LINSTEAD said the matter was on the agenda of the Advisory Committee of the Ministry of Health for discussion the following week. The resolution was adopted.

MR. W. S. PRENTICE, East Kent, moved: "That it is the opinion of this conference that some form of territorial representation should be adopted in the election of Council members." He pointed to the difficulty under which members stood of gaining any idea of the personality of election candidates. MR. E. C. BURROW, Plymouth, said that, without a territorial system, his branch, a small one, had no chance against a large one like Birmingham.

MR. J. FARQUHAR, Aberdeen, said that election apathy was due to lack of acquaintance with candidates, particularly in Scotland. MR. EVANS, Cardiff, supported territorial representation but not on the "farcical" model of "a closely allied body."

MR. W. J. APPLEBY, Nottingham, thought that territorial representation might keep a Councillor in office too long, and bar the way to other efficient men.

MR. LINSTEAD exhorted members to remember that they were a national and not a local body. Twenty-one members of the Council could not be in such close touch locally as 600 members of parliament were with their constituencies. There was room, he agreed, for consideration of some better way of electing the Council.

MR. H. WALSH, Birmingham, urged that members of Council should act as spokesmen for some of the matters put forward at the Branch Representatives' meeting, and not leave everything to come through the secretary. MR. LINSTEAD revealed that it was an unwritten rule that members of the Council should not speak at those meetings. It was a good rule, otherwise members might think they were being told from the top what to do, he contended.

The East Kent motion, when put to the meeting, was lost, and the session ended with a vote of thanks to the president moved by THE VICE-PRESIDENT (Mr. H. C. Shaw).

ADDRESS TO STUDENTS

SIR ALEXANDER FLEMING gave the inaugural address to students of the school of the Pharmaceutical Society at the opening of its new session on October 1. He gave the ingredients of success as being hard work, clear thinking, careful observation, collaboration with others, and a great deal of good fortune. The discovery of penicillin had been, he said, sheer fortune "If the right mould had contaminated a culture of the wrong bacteria, or vice versa, there would have been nothing to see. If I had been in a bad temper, or my mind had been occupied with other things, I would probably have thrown away the culture and thought no more about it." Penicillin, said Sir Alexander, had been made available for the allied armies only by collaboration; commercial rivals had helped each other, and there had been free interchange of information across the Atlantic. He urged students to become masters of their profession.

MRS. J. K. IRVINE (president, Pharmaceutical Society), who welcomed Sir Alexander, said that about seven years ago, speaking in the same lecture theatre on "Antiseptics in War-time Surgery," he had spoken of a "curious chemical substance" that he had had in his laboratory for about ten years, adding that when someone would manufacture it on a commercial basis, the substance, penicillin, would oust the sulphonamides.

DR. B. A. YOUNG said that the discovery had been a challenge to the pharmacist who, in dispensing penicillin, had to exercise his skill and ingenuity to the utmost, particularly in preparing solutions for injection. The discovery had also influenced the Society's Council in proposing longer and more comprehensive training for pharmacists.

CORRESPONDENCE

Bactericides and Sterility

SIR,—I find that in a report of the discussion on a paper by Davies and Davison on "The Efficiency of Chlorocresol" (*C. & D.*, September 27, p. 387), I have been misquoted. It was the method of heating with a bactericide which I stated to be of paramount importance to practising pharmacists, not the present method of testing for sterility, and in the last sentence it was from the method of heating with a bactericide, not from the sterility tests, that I considered there was no risk of gross contamination.

London, W.C.2. T. D. WHITTET.

Pharmacists and Proprietaries

SIR,—I listened to a recent broadcast on proprietary medicines and thought that, admirable though it was, pharmacists had "missed the bus" by not having a representative in the discussion. The pharmacist was barely mentioned, although so closely connected with the subject. At the moment most pharmacists have a "living" in proprietary medicines and therefore can afford to bargain with the Government over terms. Should the proprietary medicine trade be undermined we may lose our bargaining power. I see little difference between making exaggerated claims to the public and publishing pseudo-scientific jargon to medical men.

Bath. D. I. TUDDENHAM.

Assistance for New Exporters

SIR, — The President of the Board of Trade recently informed industry that production for export must be given first priority in the supply of fuel, raw materials and labour. There are many producers in the chemical and allied industries who have not hitherto explored the possibilities of an overseas market for their products, and consequently possess neither contacts with overseas buyers nor an experienced selling organisation. May I suggest to those producers that the services which they require can be found among the established British merchant exporters, who, by their own enterprise and supported by specialised knowledge, are endeavouring to re-establish the British trader in the markets of the world. The Chemical Traders' Export Group would gladly assist producers who are seeking export services.

F. G. W. PAIGE, *Secretary*,
Chemical Traders' Export Group.
London, E.C.3.

OVERSEAS TRADE NEWS

New Vaccine for Pneumonia.—A U.S. company has announced production of a new vaccine for pneumonia prepared from polysaccharides. A special vaccine suitable for children is also being produced.

Spain's Essential Oil Exports. — Spain exported 117,466 kilos of essential oils during 1946, or 30,296 kilos more than in the previous year. Average prices per kilo also rose to over twice those of 1945.

Russian Cosmetics.—The Soviet Minister of Trade has reduced retail prices of perfumery and cosmetic products, following an increase in the output of Russian factories producing toilet preparations.

Italian Olive Oil Prices. — Wholesale prices for olive oil in the various Italian markets have in recent weeks ranged from 560 lire per kilo (quoted in Messina) to between 800 and 900 lire per kilo.

South African Insecticides.—The South African national plant at North Rand, Transvaal, is now producing benzene hexachloride on a large scale. The plant has been engaged in DDT manufacture for more than two years.

Level of Italian Industry. — Italian chemical industry reached a level of between 40 and 75 per cent. of pre-war levels in 1946. Production was highest in agricultural chemicals and products for the textile industry.

U.S. Streptomycin Export Quota.—The U.S. Department of Commerce stated recently that 400,000 gm. of streptomycin could be exported from the United States during September, compared with 300,000 gm. authorised in August.

Swedish-Bulgarian Trade Agreement.—Trade and monetary agreements between Sweden and Bulgaria were signed in Stockholm recently. Swedish exports to Bulgaria will consist of pharmaceutical and chemical goods, machinery and instruments. Bulgaria will supply mineral ores and raw materials, including castor oil.

U.S. Companies' Egyptian Branches.—It is understood that major U.S. industrial concerns, including chemical manufacturers, are negotiating with Egyptian interests for the establishment in Egypt of factories or branches. The Director-General of the Egyptian Department of Industry and Commerce has stated that the proposed branches would be financed chiefly by private Egyptian capital

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or grade.

28 Essex Street, W.C.2, October 8

THE markets for PHARMACEUTICAL and FINE CHEMICALS have shown no material alteration during the past week, with a firm tendency prevailing in many sections owing to rising costs of production and of transport. The only price changes are in BENZOIC ACID and SODIUM BENZOATE; one maker has advanced prices by sixpence per lb., making the new rates for 1-cwt. lots 2s. 9d. and 2s. 6d. per lb. respectively. The export demand for chemicals continues on a high level and makers are making every effort to increase output. The shortage of all kinds of containers is a perennial complaint which could be reduced greatly if empties were returned promptly. The new rates for GLYCERIN are now available.

Crude Drugs

There has been little change in the markets for CRUDE DRUGS during the past week, with a fair volume of inquiry but little new business. AGAR continues to be in demand but it will be some weeks before material will arrive from Hongkong. ALOES is not quite as active and prices are unchanged. Several good-quality parcels of Sumatra BENZOIN are now being offered and prices are tending easier on spot. CAMPHOR is in fair demand and the market is steady. CASCARA SAGRADA prices are unchanged. Little interest is shown in CARDAMOMS. In GUM ACACIA, Kordofan remains firm but Talha has eased slightly. JALAP, on the spot, with a resin test of 14.6 per cent. is being offered at 3s. 5d. per lb. More interest is showing in SPICES and a number of items such as NUTMEGS and PIMENTO are inclined to be firmer on the spot. MENTHOL continues firm; there are only small stocks of Chinese menthol on the spot and shipment offers are at high prices. A fair business is being done in better qualities of RHUBARB. SEEDS are tending firmer. There has been no change in SENEGA. In some quarters VALERIAN is offered at lower prices. The shortage of BEESWAX continues and reports vary as to the reason for this. There is, however, some evidence that the East African crop has been very much below normal levels.

Essential Oils

The market remains quiet in the absence of buyers. A small business in GERANIUM has been transacted. Offers of Czechoslovak JUNIPER BERRY are at 32s. 6d., c.i.f. There is an indication of a turn in LEMONGRASS with forward offers at a slightly higher level; spot business continues to be largely a matter of negotiation. NUTMEG is scarce with no offers for oil to come forward. PALMAROSA for shipment is easier. There have been no offers of SASSAFRAS from Brazil.

The Advisory Committee of the Essential Oils Control state that a number of users are rejecting allocations of essential oils, presumably in the expectation that they will be offered further supplies at a later date. Oils which are rejected by users are allocated elsewhere as quickly as possible and no guarantee can be given that rejected oils can be replaced later on. A considerable proportion of the 1947 programme has already been procured and distributed and the Committee foresees the possibility of users who reject oils allocated to them at the present time finding themselves in difficulties for supplies during the next six months or so. It should also be borne in mind that large-scale rejections considerably retard the process of the de-scheming of oils and do not permit this important work to go forward in the manner which has been planned.

Exchange Rates on London

Bank of England fixed rates at the opening on Wednesday morning were:—

Centre	Quoted	October 8
*Alexandria ...	Piastres to £	$97\frac{1}{4}$–$97\frac{3}{4}$
Amsterdam ...	Florins to £	10.68–10.70
*Bombay	Pence to rupees	$1\text{-}5\frac{15}{16}$–$1\text{-}6\frac{1}{16}$
Brussels	Francs to £	$176\frac{1}{2}$–$176\frac{3}{4}$
Copenhagen ...	Kroner to £	19.32–19.36
Dutch East Indies	Florins to £	10.68–10.70
Dutch West Indies	Florins to £	7.59–7.61
*Hong Kong ...	Pence to $	$1\text{-}2\frac{15}{16}$–$1\text{-}3\frac{1}{16}$
Lisbon	Escudos to £	99.80–100.20
Montreal	Dollars to £	$4.02\frac{3}{4}$–$4.03\frac{1}{4}$
New York ...	Dollars to £	$4.02\frac{3}{4}$–$4.03\frac{1}{4}$
Oslo	Kroner to £	19.98–20.02
Paris	Francs to £	479.7–480.3
Rio de Janeiro ...	Cruz to £	75.3948
*Singapore ...	Pence to $	$2\text{-}4\frac{1}{32}$–$2\text{-}4\frac{3}{16}$
Stockholm ...	Kronor to £	14.47–14.50
Zurich	Francs to £	17.34–17.36

* Free market rates.

U.S. Drug and Chemical Report

New York, October 3

THE shortages of tank cars and of glass containers are holding up shipments of many industrial chemicals. There has been a good demand for insecticides and the arrival of about 100 tons of ARSENIC from Russia will considerably relieve the tight position of supplies of this type of insecticide. Two major producers have reduced the price of PENICILLIN in groundnut oil and wax though other forms are not affected. The new price to druggists and hospitals is $2.23 per 300,000 units in 1cc. vials, against $2.97 previously. Production of penicillin and its salts rose from 2,413,630 mega units in

June to 2,678,837 mega units in July. Higher prices for silver bullion have been reflected in SILVER NITRATE; manufacturers are now quoting 46⅛ to 47⅞ cents per ounce compared with 45½ to 47½ cents previously. The price of THEOBROMINE ALKALOID has been raised by 50 cents per lb., establishing a new quotation for 100-lb. lots of $5.15 per lb.; salts have shown similar increases.

Some trade circles now believe that the price of MENTHOL may advance to $10 per lb. in view of exceedingly firm reports from Brazil. The current price ranges between $8.75 to $9.00. Certain countries are now looking to the U.S. market for their supplies of COD-LIVER OIL. Domestic demand is very limited at present, although an improvement is expected with the approach of the winter. About 16 tons of ERGOT have arrived in New York from Portugal; this is the largest consignment since before the war. Thirty bales and fifty drums of DIGITALIS were landed at the same time, but all the material has to pass the Federal Food and Drug Administration before being offered for sale. A more active inquiry for BOTANICAL DRUGS has been followed by price advances for numerous items. HYDRASTIS is a notable exception, it being thought that the current range of $7.90 to $8.25 per lb. might be shaded with a good order. Spain and Italy may offer MERCURY to the United States at a lower price than to other countries, in order to obtain more dollar exchange. Demand in the U.S. is very small at the present time and the metal is quoted at $81 to $85 per flask, several dollars below the range of a few weeks ago. Yellow grades of CARNAUBA WAX have been marked up five cents per lb. to $1.40-$1.45 per lb., because of a limited supply of spot and nearby parcels.

Many more inquiries were reported last week for ESSENTIAL OILS and other AROMATIC PRODUCTS and there were fewer price reductions. The revised estimate of PEPPERMINT OIL production this season at 2,034,000 lb. is about 4 per cent. below the August 1 estimate, but still 26 per cent. above the 1946 output of 1,620,000 lb.

Pharmaceutical Chemicals

CALCIUM GLUCONATE.—In short supply. Quotations are at from 3s. 3d. per lb.

CODEINE.—Current prices per oz., in the home market, are: ALKALOID, ½ oz., 51s. 9d.; 1 oz., 49s. 3d.; 2 oz., 47s. 9d.; 3 oz., 47s.; 4 oz., 46s. 9d. HYDROCHLORIDE, ½ oz., 46s. 4d.; 1 oz., 44s.; 2 oz., 42s. 6d.; 3 oz., 41s. 9d.; 4 oz., 41s. 6d. PHOSPHATE, ½ oz., 40s. 9d.; 1 oz., 38s. 3d.; 2 oz., 36s. 9d.; 3 oz., 36s.; 4 oz., 35s. 9d. HYDROBROMIDE and IODIDE as ALKALOID; SULPHATE as HYDROCHLORIDE.

GLYCERIN, B.P.—Makers have advanced their prices by £2 10s. per ton for all supplies released by the Control on and after October 1. New rates per cwt. are as follows:—

Contracts or spot lots of	Under 1 cwt.	1 cwt. and under 2½ cwts.	2½ cwts. and under 5 cwt.	5 cwt. and under 10 cwt.	10 cwt. and under 20 cwt.
Minimum deliveries off contract of	—	1 cwt.	1 cwt.	1 cwt.	2 cwt.
Tins:	s. d.	s. d.	s. d.	s. d.	s. d.
14-lb. ..	156 6	152 0	151 0	148 0	147 0
28-lb. ..	153 6	149 6	148 6	145 6	144 6
56-lb. ..	150 6	147 0	146 0	143 0	142 0
Drums:					
1-cwt. ..	—	136 0	135 0	132 0	131 0
2½-cwt. ..	—	—	133 0	130 0	129 0
5-cwt. ..	—	—	—	129 6	128 6
10-cwt. ..	—	—	—	—	128 0

1 ton and under 5 tons (minimum deliveries off contract of 5 cwt.), 14-lb. tins, 143s.; 28-lb., 140s. 6d.; 56-lb., 138s.; 1-cwt. drums, 127s.; 2½-cwt., 125s.; 5-cwt., 124s. 6d.; 10-cwt., 124s. 5 ton and upwards (minimum deliveries off contract of 10 cwt.), 14-lb. tins, 141s. 6d.; 28-lb., 139s.; 56-lb., 136s. 6d.; 1-cwt. drums, 125s. 6d.; 2½-cwt, 123s. 6d.; 5-cwt., 123s.; 10-cwt., 122s. 6d. Extra charges are levied for smaller deliveries, ex contract, from 6d. to 2s. per cwt., according to quantity. Refined pale straw industrial glycerin is 5s. per cwt. less than chemically pure. Terms: Carriage and delivery paid. A discount of 2½ per cent. is deducted if paid in one month, or on buyers' regular monthly pay day in the month following delivery; afterwards, net. Tins and cases free (not returnable). Drums loaned and invoiced at sellers' current rates and credited in full if returned within four months, carriage forward and in good condition.

HYDROCYANIC ACID.—B.P.C. (Scheele's) is quoted at 1s. 5½d. per lb. and B.P., 1s. 1½d. per lb.

PHENYLACETIC ACID.—In good demand. Technical grade is quoted from 6s. 3d. to 7s. 6d. per lb., according to quantity.

POTASSIUM ACETATE, B.P.—Fine granular is quoted at 2s. 1½d. per lb. in 1-cwt. lots.

SALOL, B.P.C. — Small quantities are available at from 9s. to 14s. 7d. per lb.

THYMOL, B.P.—In short supply. Quotations are from 18s. to 18s. 9d. per lb.

ZINC SALTS.—Prices per lb. are as follows: ACETATE, B.P.C., 3s. 9d. to 4s. 1d.; CARBONATE B.P.C., 1s. 11d. to 2s. 5d.; CHLORIDE, B.P. (white), fused, 3s. to 3s. 4d., stick, 3s. 10d. to 4s. 2d.; IODIDE, B.P.C., 18s. 9d.; OXIDE, B.P., 11d. to 1s. 2½d., prepared from carbonate, 5s. 6d. to 6s.; PERMANGANATE, B.P.C., 9s.; SULPHATE, B.P., 44s. 6d. per cwt., powdered, 51s. 6d. to 65s. 6d. per cwt., exsiccated, 10d. to 1s. 1½d. per lb. The above price ranges are according to quantity.

Crude Drugs

ALOES.—Spot supplies of *Cape* are quoted from 175s. to 185s, per cwt.; for shipment, 145s., c.i.f. Curaçao, in boxes, is quoted at 235s. to 245s., spot; forward, 215s. to 220s., c.i.f. Socotrine is offered at 156s. to 190s. per cwt., according to quality.

ANISE.—130s. per cwt. is asked for spot; shipment quotations are at 110s., c.i.f.

BALSAMS.—Supplies of *Canada* continue short on spot; quotations are at 17s. per lb. Para *Copaiba*, on the spot, is steady at 8s. per lb. for soluble and 7s. 3d. for insoluble. San Salvador *Peru* is quoted at 6s. 9d. to 7s. per lb., duty paid. Spot quotations for *Tolu* are unchanged at 18s. per lb.

BAY LEAVES.—Leaves without stems 88s. to 90s. per cwt., duty paid, quoted.

BENZOIN.—Sumatra is quoted at from £15 to £20 per cwt., spot, as to quality.

BISMUTH.—Current price of high-grade metal is 11s. per lb. for quantities of 5 cwt.

BUCHU.—Short-round or oval leaves are available on the spot from 4s. 2d. to 4s. 3d. per lb.; shipment, 4s., c.i.f.

CALABAR BEANS. — Quotations are at 10½d. per lb., ex warehouse, Liverpool.

CALUMBA.—Natural unwashed root is quoted at 65s. per cwt.

CAMPHOR.—A fair demand for all grades is reported. Chinese tablets (¼-oz.), quoted at 11s. 3d. to 11s. 6d. per lb.; refined powder (B.P.), 10s. 3d. to 10s. 6d.; Formosa (B.B.), 9s. 6d. to 10s.; 2½-lb. slabs, afloat, quoted at 10s 6d. per lb., landed, duty paid. Chinese crude, 93-95 per cent., 7s. per lb.

CANTHARIDES.—Spot, Chinese is quoted at 15s. to 16s. per lb., duty paid, according to quantity; for shipment, 7s. 9d., c.i.f.

CAPSICUMS.—East African, spot, steady at 120s. to 140s. per cwt., according to quality.

CARDAMOMS.—Mangalore: Half-bleached, A's, are quoted at 8s. 3d. per lb.; B's, 7s. 9d. per lb.; seeds, 7s. (nominal), spot. Aleppy seeds No. 1, offered at 7s. 9d. per lb.; Aleppy greens, 6s. 9d. per lb., spot.

CASCARA SAGRADA.—1946 peel on the spot is firmly held at 260s. per cwt., duty paid. American new-crop bark is quoted at 250s., duty paid.

CASCARILLA.—Little demand for this item. Quills are quoted from 1s. 8d. to 1s. 10d. and siftings at 1s. 6d. per lb., spot.

CHAMOMILES. — Hungarian flowers, in limited supply, are offered at 3s. per lb., duty paid, ex quay London. Spot stocks of Belgian have been cleared.

CINNAMON. — Quiet. Quillings are quoted at 2s. 1½d. per lb., spot; featherings, 1s. 6d.; chips, 1s. Grades of quill to arrive are quoted as follows: 0000, 2s. 9d.; 000, 2s. 8d.; 00, 2s. 7d.; 0, 2s. 5½d.; firsts, 1s. 10d.; seconds, 1s. 9d.; thirds, 1s. 8d.; fourths, 1s. 7d., all c.i.f.

GAMBOGE.—Spot, Siam pipe is easier at £55 per cwt., duty paid.

GENTIAN.—French natural root, on the spot, 95s., quoted; cut, 130s. per cwt.

GUM ACACIA.—Kordofan cleaned sorts, quoted at 73s. per cwt., in London or Liverpool; afloat, 70s., c.i.f.; shipment, 69s., c.i.f. Bleached No 1 is quoted at 145s., ex store. Talha is at 42s. 6d. per cwt., spot; forward, 38s. 6d., c.i.f.

HENNA.—Egyptian is quoted at 135s. per cwt., ex warehouse. Indian is available at 160s. per cwt., spot.

IPECACUANHA.—Firm. Nicaraguan root on the spot is quoted at 28s. to 28s. 6d. per lb.; shipment, 25s. 6d., c.i.f. Colombian, scarce on the spot is quoted at 27s. 6d.; shipment, 24s., c.i.f.

JALAP.—Vera Cruz, spot offered at prices from 3s. 5d. to 4s. per lb., according to test.

KARAYA.—No. 1 gum is quoted at 205s. per cwt., spot; No. 2, 175s.

LIQUORICE ROOT.—Anatolian whole root is steady at 52s. 6d. per cwt., spot. Turkish juice (block) to come forward is quoted at 250s. per cwt., duty paid; shipment, 225s., c.i.f.; Turkish stick (2-oz.) is offered at £455 10s. per ton, spot. Italian stick (1-oz. and 2-oz.) is available on the spot at prices from £420 to £485 per ton and upwards, according to quality.

MACE.—West-Indian blade, on the spot, is quoted at 7s. per lb.; pickings, 4s. to 5s. 6d., according to quality.

MENTHOL.—Brazilian material on the spot is firmly maintained at 48s. to 50s. per lb., duty paid; forward offers, 43s., c.i.f., buyers' licence. Chinese, in original cases, is quoted at 52s. 6d. per lb., duty paid; forward quotations are around 60s. per lb., c.i.f.

MYRRH.—Spot. Aden sorts is quoted at £14 to £15 10s. per cwt., according to quality; siftings, £8 to £10 per cwt.

NUTMEGS.—Spot, West Indian 80's, are dearer at 3s. per lb.; sound unassorted, 2s. 3d.; wormy and broken, 1s. 9d.

NUX VOMICA.—A quiet market. Madras is steady at 40s. to 42s. 6d. per cwt. Mangalore, 40s.; Cochin, scarce, 42s. 6d. to 45s., spot, as to seller.

PSYLLIUM SEED.—Black, on the spot, is quoted at prices from 2s. 3d. to 2s. 6d. per lb.; pink seed (Isphaghula) is difficult to find at 1s. 5d. per lb.

QUASSIA. — Chips, shipment, quoted at 34s. per cwt., c.i.f.; September-October is quoted at 32s., c.i.f.; spot. 40s., value.

RHATANY. — Spot quotations are unchanged at 11d. per lb.

RHUBARB.—Chinese rough round on spot is quoted from 3s. 6d. per lb. for a No. 3 quality to 7s. for Double Deer; parcels afloat of good sound root are quoted at 5s. 6d., duty paid. French rhapontica is available at 1s. 6d. per lb.

SANDARAC.—Quotations are at 5s. 9d. per lb., ex store London.

SARSAPARILLA. — Jamaican, native red, quoted at 2s. 3d. to 2s. 4d. per lb., spot.

SEEDS.—Prices continue firm in spite of the absence of business. ANISE.—Cyprus, 2s. 3d. per lb.; Turkish, 2s. 1d. per lb., duty paid, spot London or Liverpool. CELERY.—Indian, 1s. 4d. per lb., ex store Liverpool. CORIANDER.—Spot, Morocco, of good quality, now quoted at 45s. per cwt., duty paid, ex wharf London; Argentine is also quoted at 45s. per cwt., duty paid, ex wharf London. CUMIN.—Spot, Indian, 235s. per cwt., ex wharf Liverpool or Hull; Cyprus, 235s. per cwt., ex wharf London. DILL.—Indian, 42s. 6d. per cwt., ex wharf Liverpool, and 45s. per cwt., spot London. FENNEL.—Indian is slightly easier on spot and 80s. per cwt. now quoted, ex wharf Liverpool. FENUGREEK.—Indian, 45s. per cwt., ex wharf London, and 43s. per cwt., ex store Liverpool.

SENEGA.—Spot quotations for old-crop material are from 12s. 6d. to 12s. 9d. per lb.; new-crop, 12s. 3d., c.i.f.

SENNA. — Steady. Tinnevelly leaves, spot, No. 1, 1s. 2d.; No. 2, 10½d.; No. 3, 8½d. to 9d.; No. 4, 7½d. per lb. Tinnevelly pods, hand-picked, 10d. to 1s. 4d.; manufacturing, 5½d. to 6d. Alexandrian pods, hand-picked, spot, from 4s. 9d. to 5s. 9d. according to quality; medium 2s. 9d.; manufacturing, 1s. 9d. to 2s. per lb.

SHELLAC. — F.O.T.N., pure, quoted at 300s. per cwt., spot. A firm market.

SQUILL.—Italian white is quoted at 65s. per cwt., spot; red, 85s., spot.

STYRAX.—Spot quotations are from 5s. to 5s. 3d. per lb., duty paid.

TONKA BEANS.—Frosted Pará is quoted at 4s. 9d. per lb., spot.

TRAGACANTH.—Selected ribbon is quoted at from £145 to £150 per cwt.; other grades of white ribbon are available at from £75 to £120 per cwt. Prices of lower grades are as follows: Pale leaf, £50 to £70; amber leaf, £35 to £45; red leaf, £17 to £25; hoggy, £12 to £15.

WAXES.—Spot supplies of BEES' are low and there have been few shipment offers. Dar-es-Salaam on spot is about 400s. per cwt.; afloat, 385s., c.i.f.; November-December shipment, 375s., c.i.f., nominal. Nominal quotation for Lindi, 375s. Benguela is quoted at 370s., duty paid, and 320s., sellers' licence. CANDELILLA.—Spot quotations are at 410s. per cwt.; shipment, 390s., c.i.f. CARNAUBA.—Fatty grey is quoted at 610s. per cwt., spot; afloat, 520s., c.i.f.; shipment, 500s., c.i.f. Prime yellow, spot, is quoted at 820s. per cwt.; shipment, 750s., c.i.f. MONTAN.—Reibeck is steady at 390s. per cwt., spot; Czechoslovak crude, 325s., spot. OURICURI.—9 per cent., spot, 375s. per cwt.; shipment, 5 per cent., 385s., c.i.f.; 2 per cent., 400s., c.i.f.; 1 per cent., 410s., c.i.f.

Essential and Expressed Oils

ALMOND.—B.P. (sweet) is quoted from 8s. to 12s. per lb., according to seller. Good-quality bitter oil is quoted at 55s. to 60s. per lb.

ANISEED.—Spot quotations are from 7s. per lb.; afloat, 5s. to 5s. 3d., c.i.f.

BAY.—West Indian is quoted at 7s. 6d. to 9s. per lb., spot.

CADE.—Spot quotations are at from 4s. to 5s. 6d. per lb., according to quantity.

CANANGA.—Java oil is quoted at from 35s. to 40s. per lb., spot.

CASSIA. — Spot quotations are from 15s. 9d. to 17s. per lb., as to quantity. A "near B.P."-quality is offered at about 12s. 6d. per lb.

CITRONELLA.—Ceylon, spot, is quoted from 5s. per lb.; Java, forward, quoted at about 7s. 6d., c.i.f.

GERANIUM.—Bourbon is steady at from 70s. to 77s. 6d. per lb., according to quantity and grade; forward, 60s., c.i.f.

GINGER.—Prices are given from 75s. to 125s. per lb., according to grade.

GUAIACWOOD. — Spot quotations range from 16s. to 19s. per lb., according to quantity and seller.

JUNIPER BERRY.—Importers' quotations are from 30s. to 35s. per lb. English-distilled ranges from 50s. to 125s. per lb., according to quality and seller.

LAVANDIN.—Spot quotations are from 11s. 6d. to 13s. 6d. per lb.

LAVENDER.—French (38 to 40 per cent. esters) is quoted from 35s. to 40s. per lb. Spanish (spike), 10s. 6d. to 13s. per lb., spot.

OLIVE.—The price of edible, 1 per cent., to wholesalers is 51s. per gall. of 9 lb., in drums, ex store. Wholesalers' prices to retailers are as follows: In gall. loan cans, 58s. 9d. per gall.; in ½ gall., 59s. 6d.; in quart loan containers, 60s. 4d. and in pint containers, 61s. 4d. per gall., all delivered.

PENNYROYAL.—Spot quotations are unchanged at from 23s. to 25s. per lb.

PIMENTO BERRY.—English-distilled oil is quoted at 47s. 6d. to 57s. 6d. per lb. and upwards, according to quantity and seller.

ROSEMARY.—Spanish is quoted at 7s. 6d. to 10s. 6d. per lb., according to seller and quantity.

SANDALWOOD.—English-distilled is quoted at 85s. to 90s. per lb., according to quantity.

SASSAFRAS.—Brazil, on the spot is at 5s. 6d. to 7s. per lb., according to quantity.

THYME. — Red oil (40-42 per cent. phenols) is at 13s. 6d. to 16s. per lb.; white oil is quoted at 17s. to 18s. 6d. per lb., spot.

VETIVERT.—Java is quoted at 135s. per lb., on the spot; Bourbon is from 165s. to 180s.

YLANG YLANG.—Bourbon No. 1 is quoted at 90s. to 100s. per lb.; No. 2, 50s.; No. 3, 35s.

COMING EVENTS

Monday, October 13

PHARMACEUTICAL SOCIETY OF IRELAND, Council Chamber, 6 Lower Mount Street, Dublin, at 8.30 p.m. Annual meeting.

MERSEYSIDE BRANCH, NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, Chamber of Commerce, 26 Hamilton Square, Birkenhead, at 7.30 p.m. Miss M. A. Burr (a member of the Council of the Pharmaceutical Society) on "Pharmacy Today."

Tuesday, October 14

LEICESTER BRANCH, NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, College of Art and Technology, Leicester, at 7 p.m. Quiz programme between men and women pharmacists.

INSTITUTE OF CHEMISTS-OPTICIANS, King George's Hall, Adeline Place, Great Russell Street, London, W.C.1, at 7.30 p.m. Film show and concert.

BRITISH SALES PROMOTION ASSOCIATION, Charing Cross Hotel, London, W.C.2, at 6.30 p.m. Mr. L. D. Stewart (Imperial Chemical Industries, Ltd.) on "Planning of Sales Areas."

Wednesday, October 15

BIRMINGHAM PHARMACEUTICAL ASSOCIATION, Botanical Gardens, Edgbaston, 7.45 p.m.-1 a.m. Dance (tickets 7s. 6d. each).

MANCHESTER PHARMACEUTICAL ASSOCIATION, JUNIOR BRANCH, Men's and Women's Debating Hall, Manchester University, 7-11 p.m. Dance (tickets 2s. 6d. each).

SOUTH-WEST LONDON CHEMISTS' ASSOCIATION, Berkeley Rooms, Putney, S.W.15, at 6 p.m. (for 6.30 p.m.). Annual dinner and dance.

MANCHESTER SECTION, BRITISH ASSOCIATION OF CHEMISTS, Engineers' Club, Manchester, at 7 p.m. Mr. N. Sheldon on "Economic Security in the Chemical Profession."

WEST MIDDLESEX AND WEMBLEY CHEMISTS' ASSOCIATIONS, Oldfield Hotel, Greenford, 6-11.30 p.m. Annual dinner and dance (dress optional). Tickets (price 15s. 6d. each) from Mr. C. V. Baker, 11 The Parade, Kingsbury Lane, Kingsbury.

GLASGOW AND SOUTH-WESTERN SCOTTISH BRANCH, PHARMACEUTICAL SOCIETY, Institute of Accountants and Actuaries, 220 St. Vincent Street, Glasgow, at 7.30 p.m. Professor D. M. Dunlop (department of therapeutics, Royal Infirmary, Edinburgh) on "The Survivals of Magic in Modern Medicine."

Thursday, October 16

WESTERN [LONDON] PHARMACISTS' ASSOCIATION, Slater's Restaurant, 18 Kensington High Street, London, W.8, 7-10.30 p.m. Dance (tickets 7s. 6d. each. (Informal dress.)

DUNDEE AND EAST AND CENTRAL SCOTTISH BRANCH, PHARMACEUTICAL SOCIETY, Royal Hotel, Union Street, Dundee, at 7.30 p.m. Reports on British Pharmaceutical Conference and Branch Representatives' meeting.

EIRE CHEMISTS' CAMOGIE CLUB, Jury's Hotel, Dublin, at 8.30 p.m. Annual meeting.

ULSTER CHEMISTS' ASSOCIATION, ASSOCIATES' SECTION, Lombard Café, Belfast, at 7.45 p.m. Annual meeting.

EDINBURGH SECTION, CHEMICAL SOCIETY, North British Station Hotel, Edinburgh, at 7.30 p.m. Professor W. Wardlaw on "Modern Ideas of Valency."

MINISTRY OF FOOD, Conference Hall, Portman Court, Portman Square, London, W.1, at 3 p.m. Mr. G. R. Purdue on "German Soapless Detergents."

Friday, October 17

LONDON BRANCH, GUILD OF PUBLIC PHARMACISTS, 17 Bloomsbury Square, London, W.C.1, at 7 p.m. Professor G. Buttle on "Newly Discovered Drugs and their Applications in Therapeutics."

Monday, October 20

EIRE CHEMISTS' DRAMATIC SOCIETY, Adelaide Ballroom, Dublin, 8 p.m.-midnight. Dance.

BOURNEMOUTH AND POOLE DISTRICT WINDOW DISPLAY COMPETITION (organised by Crookes Laboratories, Ltd.). October 20-November 1.

TRADE MARKS

(*From "The Trade Marks Journal,"* September 17)

"JEAN BAPTISTE PARFUMEUR" and device of winged head and stars; for perfumes, toilet preparations (not medicated), cosmetics, dentifrices, depilatories, toilet articles (not included in other classes), hair-waving sachets, soaps and essential oils (3). By Jean Baptiste Parfumeur, 9-11 Avenue Matignon, Paris, France. B647,528.

"THE GONDOLA BRAND" and device of a gondola and setting sun; for preparations and substances for laundry use, detergents for domestic use, perfumes, toilet preparations (not medicated), cosmetics, dentifrices, depilatories, toilet articles (not included in other classes), hair-waving sachets and soap (other than polishing soap) (3). By Naamlooze Vennootschap Handelmaatschappij Voorheen J. F. Sick & Co., Keizersgracht 305-09, Amsterdam, Holland. 648,709 (Associated).

"RIZONA"; for toilet preparations (not medicated) for the hair and skin (3). By The Rizona Co., 66 Leinster Avenue, Bristol, 4. 648,941.

"BOBBYSOX"; for perfumes, toilet preparations (not medicated), cosmetics, dentifrices, depilatories, toilet articles (not included in other classes), hair-waving sachets, soaps and essential oils (3). By R. Hovenden & Sons, Ltd., 29-33 Berners Street, London, W.1. 649,885.

"ADAPRIN"; for pharmaceutical preparations and substances (5). By Ward, Blenkinsop & Co., Ltd., Brooklands, Wood Road, Halewood, Liverpool. 649,798.

"MIDGETRON"; for thermionic discharge tubes (9). By Park Royal Scientific Instruments, Ltd., 52 Minerva Road, London, N.W.10. 648,370.

"LOYDA"; for powder puffs (21). By Lloyd Owen (Overseas), Ltd., 2 Broad Street Place, London, E.C.2. 650,188.

APPLICATIONS AMENDED AFTER ADVERTISEMENT.

The name of the applicant of Trade Mark No. 645,484 by Kay & Kay, Ltd., should be altered so as to read, "Kay & Kay, Ltd., also trading as J. B. Gordon & Co."

The name of the applicant for Trade Marks Nos. 648,455 and 648,456 by Technical Products, Ltd., should be altered so as to read, "Shell Chemicals, Ltd."

APPLICATION AMENDED AFTER OPPOSITION.

Specification No. 638,238 by Museum Drug Stores, has been altered so as to read, "Lint for medical purposes, sanitary towels, poultices, compresses, cotton wool (pharmaceutical), medicaments for ligatures, liniments and medicated ointments, all being for human use; infants' and invalids' foods; and dietetic foods."

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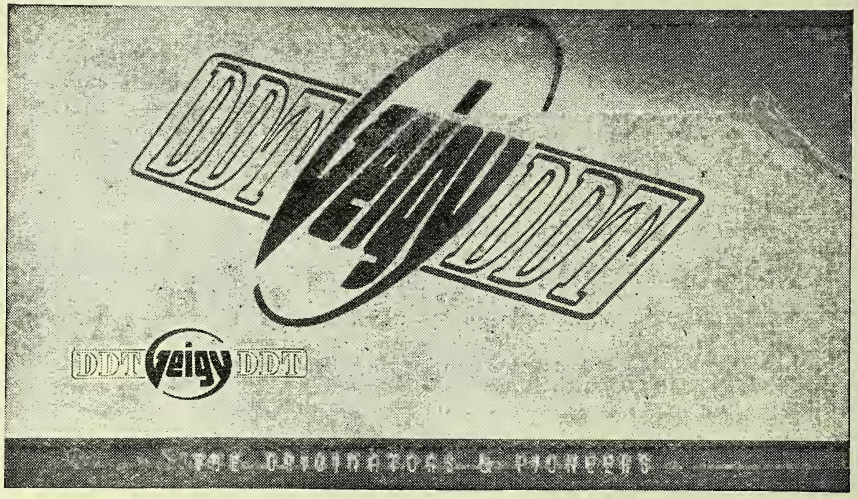

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Available for prompt and early forward delivery.

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ARE ESPECIALLY GRADED FOR ALL USERS AND INDUSTRIES

WE ALSO STOCK KARAYA AND ACACIA POWDER

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Distilled in Australia by the largest distillers and refiners of Eucalyptus Oils in the world—W. K. BURNSIDE, PTY., LTD., MELBOURNE, AUSTRALIA.

80/85% B.P.	70/75% B.P.
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WEEKLY VAN DELIVERIES COVER THE WEST OF ENGLAND.

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WHOLESALE DRUGGISTS AND MANUFACTURING CHEMISTS

Comprehensive Stocks of
PROPRIETARY MEDICINES, DRUGS, PACKED GOODS, and SUNDRIES FOR THE PHARMACEUTICAL TRADE

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We hope to ensure regular supplies throughout this season and are now accepting orders from Wholesalers.

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ESPECIALLY SUITABLE FOR CHILDREN AND DURING CONVALESCENCE

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"7 o'clock and all's well"

...the 2d blades that sell—and sell!

• *one of a series of forceful* 7 O'CLOCK *blade advertisements appearing in the National Press.*

7 O'CLOCK blades are *sharper*, give smoother-all-round shaves.

AND satisfy your customers so that they return for more!

ALL'S well with 7 O'CLOCK blades, for—

WELL — just see how they sell... and sell!

Retail Price

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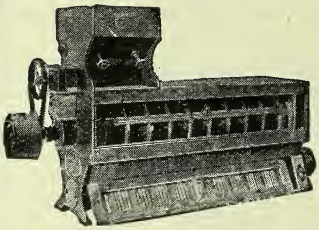
Inc. Purchase Tax

Trade enquiries to your wholesaler or to Gillette Industries Ltd., Gillette Corner, Great West Road, Isleworth, Middlesex

USED SUCCESSFULLY ALL OVER THE WORLD

For FINEST POWDERS *at* LOWEST COST



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Telephone:
Gloucester 2288
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Patent 'QUICK-CHANGE' *fine*

POWDER DRESSER

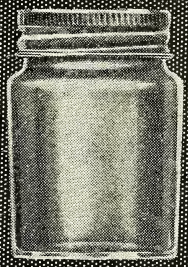
THE HOUSE-PROUD WOMAN'S CHOICE

Once used it sells itself... 45 years' reputation for high quality

All Leading Wholesalers Stock it

TREECE POLISH Co. Ltd., NOTTINGHAM

"National" Service



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OF EXCELLENT QUALITY BACKED UP
BY FIRST CLASS SERVICE
WHOLESALE ONLY

Restrictions outside our control may not allow us to meet every requirement

NATIONAL GLASS WORKS (YORK) LTD.

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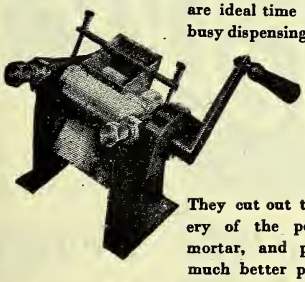
for refining
creams, ointments, etc.

PASCALL
ROLLER MILLS

are ideal time savers for busy dispensing chemists.



They cut out the drudgery of the pestle and mortar, and produce a much better product in far less time. Available with porcelain rolls 2" dia. × 4" long.

Write for list CD 3.

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WHITE
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NEW PLASTIC SURGICAL DRESSING

FOR years doctors and chemists have felt the need for such a dressing as Plastic Skin. Neat, easily applied, transparent (invisible under a silk stocking or a little powder) flexible and waterproof, it is sterile, powerfully germicidal and analgesic. Because of its high salol content, it *heals* as well as seals.

Originated for use as a dressing after blood transfusions, Plastic Skin is already widely used in hospitals, highly recommended by many surgeons and doctors, and officially "recognised" for panel prescriptions.

As a dressing for cuts and abrasions, small burns, chilblains, mosquito and other insect bites, cracked skin, etc., its many advantages are self-evident.

"Portex" Plastic Skin is now packed in handy tubes (Retail price 1/8 including tax) which give maximum ease of application and prevent any risk of deterioration in stock. Also in larger size bottles. Generous trade terms.

FREE TESTING SAMPLE. Test this interesting new product for yourself. Sample tube gladly sent on application to:
PORTLAND PLASTICS LTD.
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SEALS *and* HEALS

FORMULA: Phenyl Salicylate gr. xii. Methyl Methacrylate gr. xvii. Resorcinol gr. ii. Eugenol m. i. Chloroform m. x. Volatile Solvents ad 3 ii.

SURGICAL DRESSINGS

Wholesale only

Enquiries are invited for any of the following manufactures—

Cotton Wools
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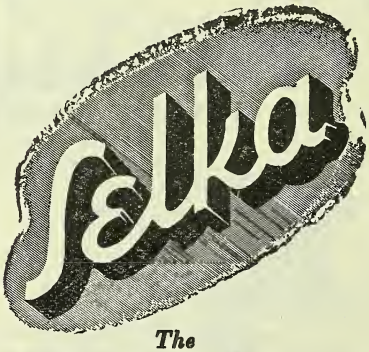
AWARDED THE CERTIFICATE OF THE INSTITUTE OF HYGIENE IN RESPECT OF "STERAID" SURGICAL DRESSINGS

ROBERT BAILEY & SON, LTD.
SURGICAL DRESSING MANUFACTURERS
DYSART STREET, GREAT MOOR, STOCKPORT
Phone: GREAT MOOR 3006 *Grams:* "UNDISPUTED," STOCKPORT

Now in prompt Supply



The
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Finest and most reliable !

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Factory : - TRADING ESTATE, SLOUGH, BUCKS

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Lints · Bandages
Plaster · Muslin · Cotton Wool
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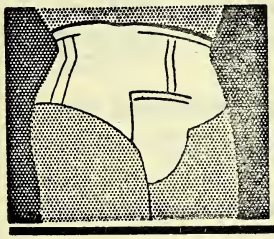
HODDLESDEN MILL · ATLANTIC MILL · HAMPDEN MILL · SPOTLAND BRIDGE MILL

LITESOME GOES AHEAD!

LITESOME ON TOP OF THE WORLD

A million men know that Litesome "on top of the world" feeling. Those original features of Litesome Fit Wear, knitted into the material itself, giving that vital stitch by stitch support. That bracing uplift at "points of strain" belongs to the Litesome alone! **The Litesome—known and asked for by name—is tops in fit-wear.** Supported by strong national press advertising, enjoying full dealer confidence — that's why Litesome sales forge ahead

- **STANDARD MODEL Retails at 6/10d. 2 Sizes 28-34", 34-40" Waist**
- **MAYFAIR MODEL Retails at 15/2d. 3 Sizes 28-33", 33-39", 39-45" Waist**



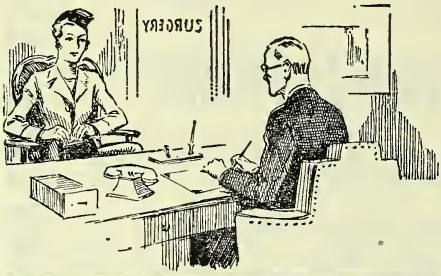
On top of the World

LITESOME

FITWEAR FOR MEN

FRED HURTLEY LTD. KEIGHLEY, YORKS.

PLANNED PARENTHOOD



1. Spermicidally efficient and clean in application.
2. Non-irritant and harmless to health.
3. Does not upset the vaginal pH value.
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5. Keeps perfectly in tropical climates.
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TRADE MARK Regd. No. UK.609162

The Scientifically balanced antiseptic and deodorant contraceptive.

RETAILS AT 3/6 PER TUBE OF 12 TABLETS

KEEP ADEQUATE STOCKS
OBTAINABLE THROUGH YOUR WHOLESALER
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OUR PUBLICITY WILL BRING NEW CUSTOMERS TO YOUR PHARMACY

COATES & COOPER LTD., NORTHWOOD, MIDDLESEX, ENGLAND

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THE NEW ELECTRIC STERILIZER

Makes the Sterilization and Assembly of Syringes Safe and Foolproof.

PRICE
£5 - 15 - 0

Working Capacity 1 Pint.... Boils in 10 Minutes. Overall Dimensions 8¾" High and 4½" Diameter of Base.

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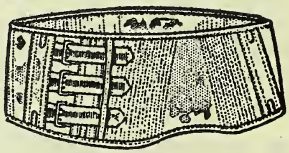
SURGICAL EQUIPMENT SUPPLIES LTD
WESTFIELDS ROAD, LONDON, W.3
Name of Local Dealers on request

TAYLOR 698

HEWARDS

Gentlemen's Belts



ORDER THROUGH YOUR WHOLESALER

Particulars of the Belt illustrated here or of any others from the extensive and comprehensive range of appliances made by Hewards will be gladly forwarded on receipt of a postcard.

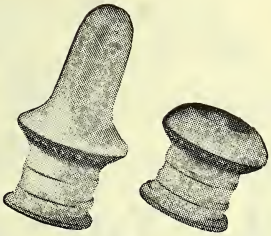
The R. H. Heward Co.
CROWN ROAD WORKS
TWICKENHAM

'Phone: POPESGROVE 2243/4
Grams: BELTRUSS, TWICKENHAM

M.C.

Ingram's "Omega" TEAT & VALVE

REG. NOS. 841964, 841968



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Made by a special process which gives long life and produces a Teat with a perfect flow. The shape ensures a tight grip of the bottle.

Other Ingram specialities

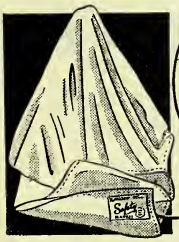
"ATALANTA" *Air Cushions*

"OMEGA" *Breast Relievers*

"PERFEX" & "SATINETTA" *Enemas*

J. G. INGRAM & SON, LTD.

The London India Rubber Works, HACKNEY WICK, E.9.



The NELSON "Safety" ELECTRIC HEAT BLANKET

APPROVED BY THE MEDICAL PROFESSION

The Safe Blanket —

thermostat controlled, fabric woven from glass, — fireproof, shockproof

Delightful in appearance

•

See your Wholesaler

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ELECTRO-MEDICAL BLANKET CO. LTD.
MANCHESTER

ANONA WINN

FAMOUS STAGE AND RADIO STAR IS APPEARING IN 83 MILLION ADVERTISEMENTS FOR 'AURORAL' AND 'WINNER' DYES DURING 1947

LESS 5% FOR CASH IN 7 DAYS

AURORAL
Cold Water Dyes
48/- GROSS

WINNER
Home & Stocking Dyes
24/- GROSS

WHITAKERS OF KENDAL

4 OUT OF 5 men behind the counter say:

"'ELASTOPLAST' BEST SELLER"

A pointer to new high levels for your sales in future.

THIS DIAGRAM is a barometer of the first-aid dressings market. It is taken from a survey carried out recently for Elastoplast. Stockists throughout the country were asked "Which brand of elastic adhesive dressing sells best?" No fewer than 79.6% answered "Elastoplast!" Elastoplast sells easiest, sells quickest. Today, supplies are restricted. Thousands who ask for Elastoplast are unable to get it. But what a mine of goodwill; what a welcome for Elastoplast when supplies are free.

Elastoplast TRADE MARK

A SMITH & NEPHEW PRODUCT

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For Wholesale Manufacturing & Retail Chemists

MEDICAL and DISPENSING LABELS, TOILET, COSMETIC and PERFUME, largest range of STOCK LABELS (attractive two-colour 50-60 wordings), SHAMPOO POWDER ENVELOPES and INNERS, also SACCHARINE TABLET ENVELOPES, with name and address. We can also offer multi-coloured advertising stamps in exclusive designs.

Send for our extensive sample range

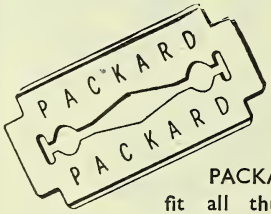
CARILLON PRESS LTD

Artists in the Production of Fine Labels

BOURNEMOUTH

the blade with

THE PERFECT EDGE



PACKARD BLADES fit all three-hole and slotted holders.

Substantial supplies for export are now available. Particulars can be had by applying to:

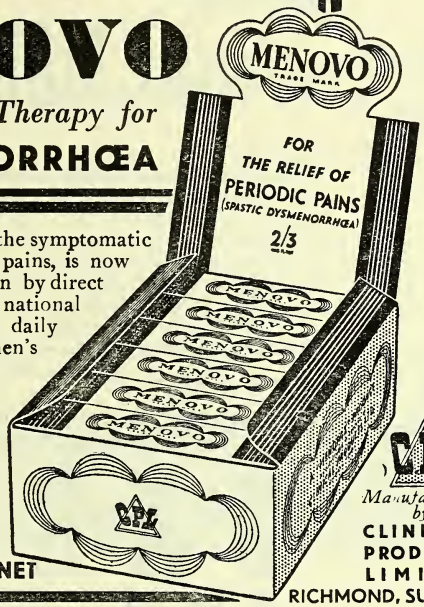
STEEL PRODUCTS LTD.
CARLOW,
EIRE

Telephone: Carlow 88 Telegrams: Steel, Carlow

New! MENOVO

The Rational Therapy for

SPASTIC DYSMENORRHŒA



MENOVO, an entirely new approach to the symptomatic and antispasmodic therapy for menstrual pains, is now being introduced to the medical profession by direct mail and press announcements. A national campaign has also been arranged in the daily press, provincial newspapers and women's magazines

FORMULA: Bromisovalerylurea ¼ gr. (16.25 mg.); Carbromal ¾ gr. (48.75 mg.); Acetphenetidin (phenacetin) 2⅛ gr. (140.00 mg.); Ephed. hydrochlor $\frac{1}{30}$ gr. (1.95 mg.); Codein phosph. $\frac{1}{20}$ gr. (3.25 mg.); Ext. bellad. sicc. $\frac{1}{15}$ gr. (3.90 mg); Sod. bircarb. 2 gr. (130.00 mg.); Aromatic carminative q.s., Excipient q.s.

Orders for "smalls" may be handled by your usual wholesaler. Bonus parcels obtainable only from the sole distributors for the U.K. **MAW OF BARNET**

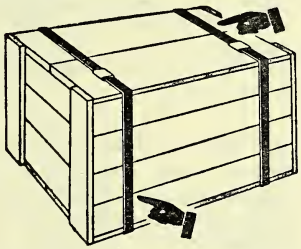
Manufactured by **CLINICAL PRODUCTS LIMITED RICHMOND, SURREY**

USE :—

WireBands

BANDING SYSTEM

It's speedy! It's simple!! Above all—It's Secure !!!



THESE BANDS WILL ENSURE YOUR GOODS ARE DELIVERED INTACT

WireBands LTD.

114, LANCEFIELD STREET, LONDON, W.10

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Dr. Weil's Medical Products Ltd., have pleasure in announcing that :—

BRONCHOVYDRIN

(1945) LTD.

have appointed them sole distributors for their Asthma Inhalant and other Products.

Please address all enquiries to :—

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BES

THIS NAME MAKES SALES

FREE OF PURCHASE TAX

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BARBER

SUN LAMPS

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THE WORLD'S LARGEST-SELLING HOME DYE

B. B.

TESTED INSECTICIDES

The makers of B. B. Insecticides offer 2 quick selling lines for 1947

• 3 WAY ACTION D.D.T. INSECTICIDE POWDER

ATTRACTIVE PACK
APPROX. 4 OZ. SPRINKLER DRUM
SHOWS 40% PROFIT. Retails . 1/3

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THE SEASON'S BEST SELLER

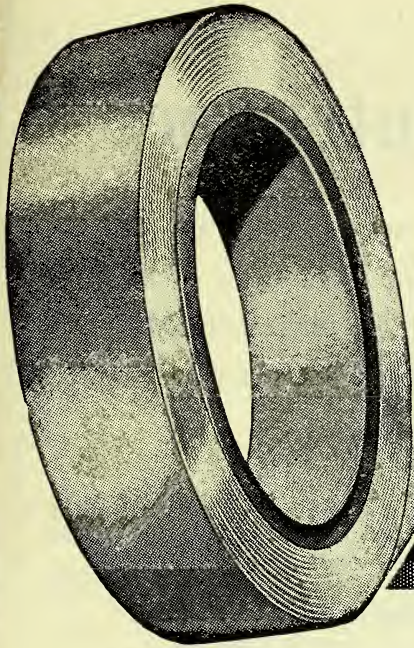
Owing to improved methods of deep impregnation we are able to retail at **2d. each.** Cost per gross . . 16/-

Trade Discounts Unchanged. Size Maintained

ORDER NOW For Immediate Delivery *(Samples on Request)*

HOME and EXPORT

Enquiries to—J. GOODMAN (Chemicals Ltd.) Devonshire Mews, Chiswick, W. 4.
or direct to—B.B. Insecticides, 12a Osborne Mews, St. Leonards Road, Windsor, Berks.



clear or coloured
transparent or opaque
plain or printed

SELLOTAPE, in handy-sized rolls, seals instantaneously. Modest in cost. Printed to choice, is widely used by manufacturing, wholesale and retail chemists for sealing and labelling and bundling in striking yet tasteful fashion. Ask for particulars.

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Sellotape
SELF-ADHESIVE CELLULOSE TAPE

S. MAW, SON, & SONS LTD.

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Aldersgate House, Barnet, Herts.

DISTRIBUTORS TO THE TRADE FOR THESE TWO POPULAR FRUIT BOTTLING LINES

POROSAN SKIN in **2/-** and **5/-** rolls sufficient to seal 6 and 18 jars respectively. Thicker and better than ever.

POROSAN CAPS and **RINGS** in 3 packs retailing **3/-** doz. 1 lb. 2 lb. and 50/50 Pack ($\frac{1}{2}$ doz. each size).

Order **EARLY** *for* **1948** *Season*

Marketed by **POROSAN LTD.** 65-66 CHANCERY LANE LONDON, W.C.2

Price Maintenance

Gillette Industries Ltd. desire to draw the attention of the Trade to the Conditions of Sale under which Razors and Blades manufactured by them may be sold under current patents.

CONDITIONS OF SALE

Gillette products are protected by British Patents, and by corresponding protection in other countries, and the patentees grant to the purchaser of these Razors and Blades, or to any person into whose hands they may come, a limited licence to sell these Razors and Blades on the express condition that they be not—

(a) sold wholesale on terms other than those shown on the current price list from time to time issued to the Trade by the patentees or their duly authorised agents,

(b) exported directly or indirectly from Great Britain without the consent of the Manufacturers in writing,

(c) retailed or offered for sale retail at a price less than that shown by the patentees on each carton or packet and that no allowance, bonus, rebate or other consideration of any kind be given or offered in connection with the sale or offer for sale retail thereof.

Any sale in breach of these provisions is an infringement of the patents and will be treated accordingly.

TRADE Gillette MARK

Gillette Industries Ltd., Great West Road, Isleworth, Middlesex

Constant demand

"ABECEDIN"
Vitamins A-B-C-D

TABLETS			
Bottles	21	-	3/6
,,	105	-	16/6
,,	500	-	75/-
,,	1,000	-	148/-
EMULSION			
Bottles	4 oz.	-	5/-
,,	16 ,,	-	19/-

FREE from Purchase Tax.

-prompt delivery

NAPP

3 & 4, CLEMENTS INN, LONDON, W.C.2

Telephone: HOLborn 1444 *Telegrams* "NAPPCHEM, LONDON"

The Complete Service

WASHED AND STERILIZED READY FOR USE

CORK MOUTH

FITTED KORKALITE MOULDED CAPS

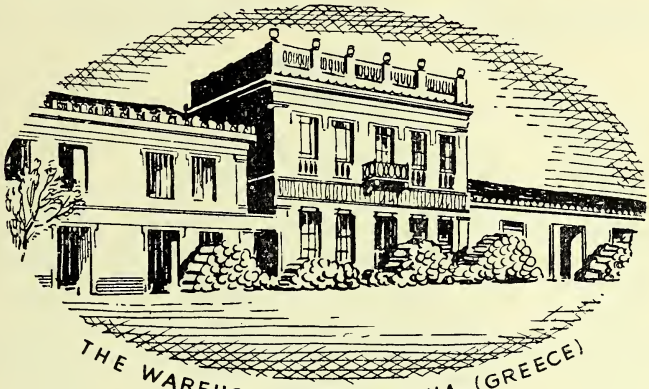
FITTED ALUMINIUM CAPS

UGB

UNITED GLASS BOTTLE MANUFACTURERS LTD.

8 LEICESTER STREET, W.C.2

Tel.: GERRARD 8611 (15 Lines) Grams: UNGLABOMAN, LESQUARE, LONDON



"RELIANCE"

SPONGES

AND CHAMOIS LEATHERS

The illustration above is of one of the large warehouses on the Greek island of Aegina, where sponges from all the big fishing centres throughout the Mediterranean are collected, prepared and packed for distribution to the markets of the world. In our 100 years of steady progress we have maintained our reputation as the "right house" for Sponges and Chamois Leathers ("Reliance" Brand). Your enquiries will receive our courteous, prompt and knowledgeable attention.

CRESSWELL BROS. & MARKS

(INTERNATIONAL SPONGE IMPORTERS LTD.)

5A BUCK STREET, CAMDEN TOWN, N.W.1

'PHONE: GULLIVER 5462-3. 'GRAMS: SPONGE, NORWEST, LONDON

C6

Eyebaths

We make four excellent types of superlative quality and finish in White Flint, Actinic Green or deep blue glass.

THE DEMAND IS IN EXCESS OF SUPPLY, BUT EVERY EFFORT IS BEING MADE TO PROVIDE ADDITIONAL CAPACITY FOR NEW BUSINESS

WOOD BROS. GLASS Co. LTD
BARNSLEY ESTABLISHED 1828 **YORKS.**

An Authoritative Statement on Toilet Papers

THAT good toilet papers are in short supply today is only too common knowledge. The reasons why production does not catch up with demand are not so apparent.

As the actual manufacturers of fine toilet papers we are in a position to state that it is mainly due to the shortage of *suitable* raw material. Paper can of course be made from any grade of "scrap" but the types of material suitable for our Toilet papers are strictly limited.

Hence we are compelled for the time being to ration supplies to all customers and to refuse with regret many orders of flattering dimensions.

But we are hopeful that the position will improve and enable us to satisfy all customers both old and new.

These are the products of St. Andrew Mills

		Retail Price
ANDREX	The softest Toilet Tissue known made entirely from purest pulp. Note—the whole production of Andrex goes to the home market —none is exported.	1/-
ANDROL	For those who prefer a glazed paper.	1/-
STANEX	Absorbent unglazed paper not harsh or bulky crape.	11d.
MARVO		9d.
SAMARITAN		7½d.

Prices are subject to alteration without notice.

Wholesale only

ST. ANDREW MILLS LIMITED

LARKSWOOD · 1014 · 5 · 6 WALTHAMSTOW · E · 17

HEAD PESTS

a NEW approach

A JEYES' PRODUCT

SULEO Eradicates and Prevents Head Pest Infestation *(Pediculosis capitis)*. One application will clear the most heavily infested head or will keep a clean head free from head pests for 14 days, even if contacts are made with infected persons.

3oz SPRINKLER BOTTLE
(Six treatments)

INC 2/- TAX

PHARMACISTS' DISCOUNT 33⅓%

SULEO

DDT HAIR EMULSION

"Every case so far treated with D.D.T. emulsion has been cured by one application. This result is to be expected, as the duration of protection with D.D.T. exceeds the incubation period of the nits." (B.M.J., 24th March, 1945.)

Manufactured for
JEYES' LABORATORIES LTD., LONDON, E.13
By the proprietors
JEYES' SANITARY COMPOUNDS CO. LTD., LONDON, E.13

"SURCO"

RELIABLE
ELASTIC HOSIERY
SEAMED AND SEAMLESS

For special garments to measure we give the best possible service

SURGICAL BELTS TRUSSES AND SUNDRIES

50 years' service of everything Surgical

SURGICAL HOSIERY CO. LTD.

Russell Street - NOTTINGHAM

Telephone No. 75903 Telegrams: Surgical Nottm

North-East Pharmacists send your Enquiries to

NEWCASTLE UPON-TYNE
MIDDLESBROUGH
SCARBORO'
HULL

MIDDLETON
& Co. Ltd. Boundary Rd., MIDDLESBROUGH

TELEPHONE 3207

SPEEDY DELIVERY IN OUR OWN VANS WHEREVER POSSIBLE

DRUGS, GALENICALS, PILLS and TABLETS, ANALYTICAL CHEMICALS and REAGENTS

Wholesale only

If you have not received our Leaflet 51 showing some of the wide range of metal containers always available, we shall be happy to send one on application.

YES! They all come to Percenta because we specialise in packaging containers of every type for the chemical, pharmaceutical, cosmetic and domestic trades. We are in constant touch with well over 100 factories throughout the world and consequently know where to lay our hands on any particular line that you may require. This is why twice as many people as in 1945 came to us for containers in 1946 and more than ever are coming in 1947.

Ampoules, bottles, cardboard boxes, jars, glass tubes, lever lid tins, lipstick holders, metal screw caps, plastic containers and caps, powder boxes, paint and polish tins, perfume bottles, soap boxes, tablet tins.

PERCENTA
THE CONTAINER PEOPLE

(PERCENTA LTD.)

PERCENTA HOUSE, 130/2 TOOLEY STREET, LONDON, S.E.1

'Phone: HOP 0516 (6 lines)

LEDA
Washing Powder

This amazing new powder gives quicker whiter washing—quicker profits and turnover. Suitable for all fabrics including silks and woollens. Ideal for washing up and general household cleaning.

NO COUPONS

LEDA
Soapless Concentrate

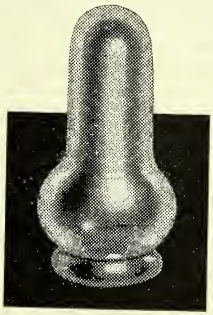
Specially produced for washing delicate articles and other fabrics which require special care in washing. Contains no soda.

"Leda"

CHEMICALS LTD.
LONDON, N.19
ARChway 4877

Sole Agents for Scotland:—
SOUTHERN MANUFACTURING CO. LTD.
214, West Regent Street, Glasgow, C.2

GRIP-TIGHT FEED TEATS



USED BY HOSPITALS AND WELFARE CLINICS THROUGHOUT THE WORLD

LEWIS WOLF LTD.
144, Oakfield Road, Sellyoak, Birmingham, 29

AT LAST!

deliveries without delay

WE are glad to announce that we have at last been able to increase production sufficiently to meet the ever growing demand for Juno-Junipah.

ORDERS can now be placed for any reasonable quantities with the certainty of prompt delivery.

THOMAS MARNS LTD.,
2, Caxton St., London, S.W.1
Phone: Whitehall 6310

JUNO-JUNIPAH

The Woman's Own Health Salts

(C

ASMIDAR SPECIALITIES

at present available

PIPERAZINE (Asmidar)
Effervescent Granules
A uric acid solvent—3 oz. size.

GLUTONINE (Asmidar)
Strychnine Gluconate — Gives prolonged action with decreased toxicity.
Boxes 8 x 1 c.c. ampoules 0·002, 0·0035, 0·005 gm.

SULPHAZOL CREAM (Asmidar)
Containing 5% Sulphathiazole in non-greasy base. Indicated in cases of Impetigo and coccal infections.
Size—¾ oz. Tubes.

ASMIDAR ANTI-RHEUMATIC OINTMENT
Non Greasy Non Staining Analgesic
Size—¾ oz. Tubes.

ICHTHAMMOL B.P.
With high organically combined sulphur content.

Literature and fuller information on these Preparations can be supplied on request.

ASMIDAR LTD.
14 DOUGLAS STREET, LONDON, S.W.1
(Telephone: Victoria 5556)

. . . . these suntanned, Brontanned members of the fair sex.

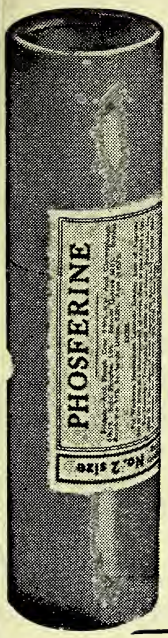
Back from holiday and in search of more of the delightful Brontan products.

They'll be after the Ann Rose Twins—Vanishing Cream and Complexion Powder. The cream is beautifully soft . . . the perfect foundation for Ann Rose Powder. Both are delicately scented and there are four flattering shades.

Are you well stocked and displaying the Twin packs?

Retail prices—cream 2/1d. incl. P.T.
powder 2/9d. and 4/- incl. P.T.

BRONTAN (Regd.), Ltd.,
1 BROAD STREET BUILDINGS,
LIVERPOOL STREET, LONDON, E.C.2
Phone: BIShopsgate 6383



PHOSFERINE

TABLETS and LIQUID

● PHOSFERINE is a popular Tonic Medicine which has won world-wide reputation—its popularity being largely due to personal recommendation by those who have benefited by its use.

Phosferine Advertising which makes no extravagant claims consistently keeps our product before the notice of the Public.

Make sure your stocks are equal to the demand

PHOSFERINE (Liquid and Tablets) available in 2 sizes

No. 1 retails at 1/4 including Purchase Tax
No. 2 " " 3/3 " " "

PHOSFERINE (Ashton & Parsons) Ltd., St. Helens, Lancs.

- builds winter sales

" The butterscotch flavour " will again be in favour. Last year's customers will come again for more, and they will recommend others to " Autumn Sun." National advertising will bring in the season's new business to stockists, for whom there is this FREE and

ATTRACTIVE DISPLAY

in the form of a full-colour, self-standing showcard (only 9½ x 8½ inches) holding a 1-lb. actual jar with its attractive label.

Retail prices are right and trade terms generous. On P.A.T.A. list.

EDME LTD., IMPERIAL HOUSE, REGENT STREET, W.1

Telephone REGent 5563-4. 'Grams " EDME," Piccy London. Works: MISTLEY, ESSEX

EVERY TIME YOU SELL A LARGE SIZE CARTERS . . . 1/- FOR YOU!

YES, on every 3/5 size Carters that you sell you can make 1/- for yourself. You'll not find it difficult either, because the customer saves 10d. by buying the large size. He gets 5 extra pills, too. Send your order now for large-size Carters Little Liver Pills and stop losing easy profits! Supplies are readily available.

ORDER YOUR CARTERS LITTLE LIVER PILLS *Now!*

from THOMAS MARNS LTD., 2 Caxton Street, S.W.1

BONUS OFFER ends October 31st

Every retailer who promises to allocate window space to ORLEX can still receive one extra packet free of charge with every dozen ordered. Get your bonus packet at once.

ORLEX

The famous compound for restoring colour to grey hair.

Made by **STAFFORD MILLER LTD.**

Sole Distributor:

SPLENDOR LTD.

LONDON & NOTTINGHAM

BESORBON SELLS ON SIGHT!

Besorbon medicinal snuff is in demand all the year round as a preventive remedy for Hay Fever, Colds and Catarrh. Put this attractive display box on your counter and it will make its own sales. Supplied with all orders for dozen lots—from all registered wholesale chemists.

KEMSALES LTD.

20 EASTCHEAP, LONDON EC.

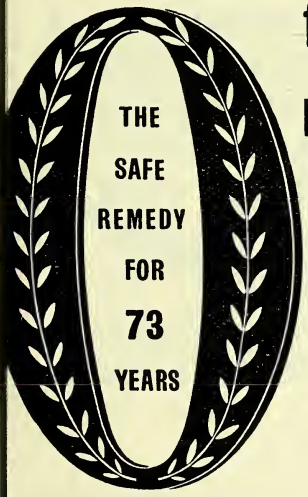
THE ANGLO-FRENCH DRUG Co. Ltd.

are glad to announce that the following products are again available :—

ACECOLEX	BIVATOL	NAIODINE
ACECOLINE	CRYOGENINE	OPO-IODAMELIS
ADREPATINE	EMGE (Lumiere)	THIONAIODINE
ALLOCHRYSINE	HYPOTAN	TULLE GRAS
ANAQUINTINE	IODAMELIS	URASEPTINE

Further particulars on request from—

11 - 12, GUILFORD STREET, LONDON, W.C. 1



for coughs and colds

OWBRIDGE'S

Again—for the 74th year—Owbridge launch a new, arresting advertising campaign in the National Daily, Sunday, and Provincial Press—in Magazines—on Poster Sites—and Underground Railway Carriages to support the sales of this famous remedy. New window and counter display material is available to tie up with this national campaign.

PRICE 1/3 INCLUDING PURCHASE TAX

SLOAN'S LINIMENT

Sells **at all times of year**

It is hard to meet the demand at home and abroad, so please watch your stocks

William R. Warner & Co. Ltd., London, W.4.
Distributors for Dr. Earl S. Sloan Ltd.

PAIN GOES OFF WHEN YOU DAB SLOANS ON

P.A.T.A.

THERE'S BIG EXTRA BUSINESS IF YOU STOCK

(BAUME DALET PARIS)

B.D

MADE EXPRESSLY FOR

BUNIONS

From your usual Wholesaler or direct from Sole Distributors for U.K.

SPLENDOR LABORATORIES

7c Lower Belgrave St., London, S. W. I. and at Nottingham.

WHOLESALE & MANUFACTURING CHEMISTS

Exhibiting at

B.I.F. 1948

are prepared to consider Sole Agencies for reputable products of undoubted merit.

•

APPLY IN FIRST INSTANCE TO:

1/929 C. & D. OFFICE

P.A.T.A.

Phillips'

DENTAL MAGNESIA Regd.

Toothpaste

1/3 AND 2/2

The attention of the Trade is drawn to the maximum permitted retail prices of Phillips' Dental Magnesia, namely 1/3d. and 2/2. The charging of any higher price is a direct infringement of the Prices of Goods Act, and accordingly can involve very serious consequences.

TRADE TERMS

To the generous standard margin of profit, it is possible to add, by the booking of quantity orders, the following additional discounts, in consideration of 14 days window or counter display:

£3 assorted order* - - - - 5%
(obtainable through your wholesaler only)
£6 assorted order* - - - - 12½%

★ 'Milk of Magnesia' Tablets are now in unrestricted supply and may be included in your order to qualify for these discounts.

HE CHAS. H. PHILLIPS CHEMICAL CO., LTD., 179 ACTON VALE, LONDON, W.3.

Steady sales and good supplies

Extensive advertising of D.D.D. Balm — in the national provincial and periodical press and the women's journals — is a constant reminder to a receptive public — the mothers of babies and of young children. That is why the sales of D.D.D. Balm are so steady. Supplies are now equal to demand — your wholesaler can deliver from stock.

D.D.D. Balm is specially prepared for sensitive skins. It does not sting, does not burn. It is white, non-greasy and does not stain. D.D.D. Balm quickly clears napkin rash, teething rash, chapping and chafing. D.D.D. Balm is safe and speedy for babies skin troubles.

TRADE TERMS: 16/- per dozen. Purchase Tax 2/8d. per dozen. Inclusive retail price 2/- per jar.

D.D.D. BALM

D.D.D. COMPANY LTD.,
3 FLEET LANE, LONDON, E.C.4

DISTRIBUTOR FOR NORTHERN IRELAND—MESSRS. J. & W. C. GAW, 30 BANKMORE ST, BELFAST
DISTRIBUTOR FOR EIRE—MESSRS. HENRY FINN & CO., LTD., CENTRAL HOTEL STOCKROOMS EXCHEQUER STREET, DUBLIN

PROFITS

SOUND STANLAST SELLERS

We invite your enquiries for any quantity of the above. Also Stanlast Crepe Bandages. Packed Pharmaceuticals and Tablets and Pills of every description.

STANNING PROPRIETARIES LTD
32 ST. JAMES'S STREET, LONDON, S.W.1

Making it easy

All 1" Prestoband is now packed in this attractive outer. Display it, and sell more Prestoband! Each outer contains a supply of demonstration sample strips.
Prestoband is backed by extensive National Advertising, and offers you generous trade terms. We are helping you

to sell

PRESTOBAND

THE ANTISEPTIC SELF-ADHESIVE BANDAGE

Sole Distributors for Gt. Britain & N. Ireland:
Fassett & Johnson Ltd., 86 Clerkenwell Rd., E.C.1

Thyroid

With their wide resources Oxo Ltd. have ample stocks of Thyroid

•

Available in strengths from Gr. 1/20 desic. to Gr. 5 desic., 'Oxoid' Thyroid Gland B.P. tablets are guaranteed to contain undenatured thyroid hormone.

•

Any quantity Carriage Paid, and all containers free

OXO LIMITED (Medical Dept.)
THAMES HOUSE, QUEEN STREET PLACE,
LONDON, E.C.4.

How valuable is η

Correct viscosity (often denoted by the Greek letter *eta*—η) determines the stability of many manufactured products. And it is usually essential that the increased viscosity neither disturbs the main characteristics of the product nor forms an important factor in the costing. ¶Sodium Alginate provides a practical answer to the problem. It is a colloid of which the viscosity in solution is carefully standardised. Regular tests with the Ostwald Viscometer ensure uniform viscosity within a fixed range. ¶Sodium Alginate is now an accepted stabiliser in medicinal emulsions and creams for toilet and industrial purposes. It is a valuable thickening agent for aqueous preparations such as cough syrups and therapeutic skin jellies. Alginate is used to improve the qualities of toothpaste.

ALBRIGHT & WILSON Ltd

SODIUM ALGINATE

49 PARK LANE, LONDON, W.1 *Works:* OLDBURY AND WIDNES

TBW 48 AP

M. P. S.

Have you ever considered the wealth of meaning which lies behind those three initial letters? To your customers they spell knowledge, reliability and service, and they represent hundreds of years of accumulated pharmaceutical wisdom.

In the same way, the knowledge which lies behind the name of BURGE WARREN & RIDGLEY is at your service. Whatever your difficulties concerning surgical and druggists' supplies, we can help you.

BURGE WARREN & RIDGLEY LTD

45 CITY ROAD, LONDON, E.C.1

'Phone: CLErkenwell 1710 & 5371.
'Grams: "Drugsund, Finsquare, London."

Druggists' Sundries · Toilet Requisites
Packed Pharmaceuticals · Fancy Goods etc.

F. P. ANSELL LTD., Sole Agents for Lancashire, Cheshire, and North Wales.

"O"

MALTOBAR

is available in

6D BARS

NO POINTS

TASTES GOOD — LOOKS GOOD

Each ounce contains 2,000 i.u. vitamin D

Enquiries to the Manufacturers :

AFFINED BASIC CHEMICALS LTD.

EMPIRE WORKS, DESBOROUGH ROAD, HIGH WYCOMBE, BUCKS.

Telephone : *High Wycombe* 2266-7-8

P.A.T.A.

Adequate stocks — mean GOOD PROFITS

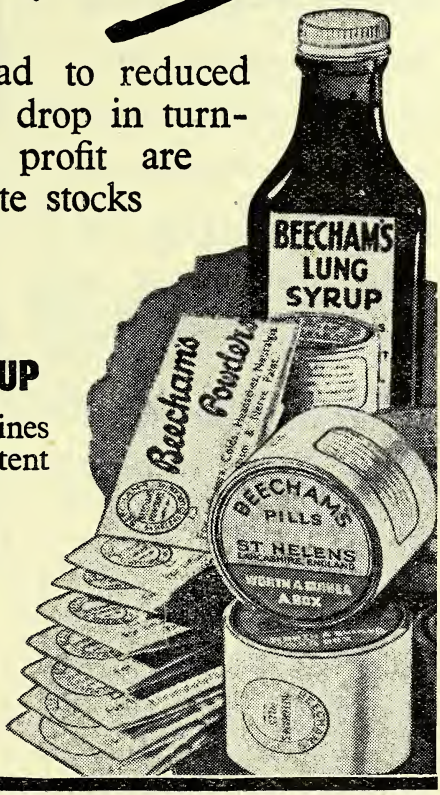
Stock shortage can lead to reduced turnover, and with the drop in turnover opportunities for profit are lessened. Keep adequate stocks therefore, of

BEECHAM'S PILLS
BEECHAM'S POWDERS
BEECHAM'S LUNG SYRUP

These popular quick-selling lines are famed for their consistent purity and efficacy.

Supplies of attractive display materials are available on request. All enquiries should be addressed to :—

BEECHAMS PILLS LTD.,
ST. HELENS,
LANCASHIRE



COLD FACTS

As the thermometer drops, the number of colds increases—and your sales of ANTIPHLOGISTINE go up,

The "Moist Heat" of ANTIPHLOGISTINE, the ready-to-use medicated poultice, helps to relieve those distressing symptoms of a chest: cold cough, tightness of the chest, muscular aches and pains.

The story of **Antiphlogistine** *is being carried to the medical profession by medical journals.*

P.A.T.A.

Antiphlogistine
TRADE MARK

THE DENVER CHEMICAL MFG. CO.
LONDON, N.W.9

Still Urgently Needed

empty San Izal cases

The quick response by the Trade to our appeal for the return of San Izal packing cases is much appreciated. But there is still an urgent need for more and more cases to be returned promptly if future deliveries are to be maintained.
Please go on emptying your San Izal Fibre board cases as quickly as possible and put them ready, complete with inner divisions, for collection by Container Recovery Service.

If you have any difficulty over collections please write to us.

NEWTON, CHAMBERS AND COMPANY LTD.
THORNCLIFFE, Nr. SHEFFIELD

Ext Hepatis Liq. B.P.

Ext Hepatis Liq.
PROTEOLISED

Ext Hepatis Tablets

Injectable Liver

2cc Ampoules and in Vials

Competitive Quotations

GEDEON RICHTER (G.B.) LTD.
14/18 WEEDINGTON ROAD,
LONDON, N.W.5

AMPOULES

Ampouled Injections and Powder Ampoules in large or small quantities. Specialist production under experienced Chemical and Medical supervision.

Trade enquiries invited

MARKWELL, EDWARDS & CO., LTD.
589, High Road, London, N.12 Hillside 5806

RUPERTO BUSTO
PARIS, 143, BARCELONA, SPAIN

EXPORTS: Textiles, Chemicals, Raw Materials, Botanicals Essential Oils, Crude Drugs, Dried Fruits, Saffron.

IMPORTS: Chemicals, Raw Materials, Drugs, Spices, Colonial Products.

SHADEINE
FOR GREY HAIR

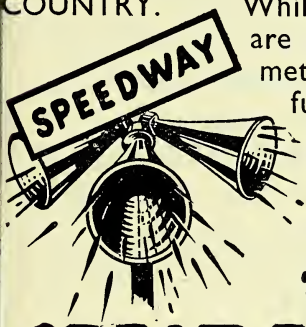
FIFTY YEARS' REPUTATION

All shades. Two sizes only at present. Retail prices 2/6. and 4/10 (including Purchase tax).

STOCKED BY ALL LEADING WHOLESALERS

'ASPRO' ACCELERATES BUSINESS

"More display means more sales, means more bonus—and so the wheel turns"—that was one chemist's way of describing how the benefits start mounting up when you display 'ASPRO'. Displaying 'ASPRO', in fact, **ACCELERATES** business—CREATES CUSTOM for other lines, too, and so speeds-up turnover and increases profits. Give 'ASPRO' prominent display and you immediately get the full results of THE MOST ENTERPRISING AND ACTIVE ADVERTISING CAMPAIGN GOING ON IN THE COUNTRY. While well-tried methods of 'ASPRO' publicity are being sustained and expanded, every new method which proves of value is used to the full. The result is that



'ASPRO' *is selling to a* GREAT POST WAR PUBLIC

Hundreds of thousands of speedway and football supporters are hearing the weekly 'ASPRO' programme; millions of cinema-goers are seeing the 'ASPRO' film. Putting in the window a prominent reminder that YOU stock 'ASPRO' is the fastest way of making new and permanent customers.

Made by ASPRO LTD., Slough, Bucks

P.A.T.A.

TO MEET THE COMING WINTER

. . . *your co-operation please*

Serocalcin is now well known, both for the prevention and treatment of colds. From its past success there is every indication that the demand to meet the coming winter will be very great.

We are anxious to give you the best delivery service possible under existing conditions, so please look ahead, place your orders early, and maintain your stocks at a reasonable level throughout the season.

FOR THE PREVENTION AND TREATMENT OF COLDS

SEROCALCIN

Pharmacists are reminded that orders and enquiries for Serocalcin should now be addressed to J. C. Eno Limited, Watford, Herts. Telephone Watford 7761.

HARWOODS LABORATORIES LTD . WATFORD . HERTS

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every Copy of the Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2.

OCTOBER 11 1947

CLASSIFIED ADVERTISEMENT TARIFF

BUSINESSES for DISPOSAL, BUSINESSES and AGENCIES WANTED, GOODS for SALE (value £5-£50), PARTNERSHIPS, PATENTS, PREMISES to LET, for SALE or WANTED, SITUATIONS OPEN	8/6 for 36 words or less, 3d. for each additional word.
LEGAL NOTICES, SALES BY AUCTION, TENDERS and all SPECIALLY SPACED ADVERTISEMENTS	2/6 per nonpariel line (12 lines=1 in. single column).
AGENCIES, EXPORT TRADE, MISCELLANEOUS SECTION (for Wholesalers, etc., for odd and second-hand lots value not more than £150)	17/6 for 36 words or less, 4d. for each additional word.
SITUATIONS WANTED	3/- for 18 words or less, 1d. for each additional word.

BOX OFFICE NUMBERS, 2/- extra (except Situations Wanted, which is 1/-).

All advertisements must be prepaid.

Advertisements can be accepted up to FIRST POST WEDNESDAY MORNING of week of issue. Later advertisements will be included in next available issue.

In view of existing paper shortage advertisements should be sent as early as possible accompanied by remittance to

THE CHEMIST AND DRUGGIST, 28 ESSEX STREET, STRAND, LONDON, W.C.2.

Sell your business through

BRITAIN'S LARGEST AGENCY

Nation-wide Advertising each week in 500 papers producing the maximum number of Buying Clients.

A SERVICE WITHOUT AN EQUAL

Tact, Freshness, Vigour and High Ethical Standard

A GUARANTEE TO SELL OR NO CHARGE

Inclusive terms: 5% when sold.
No preliminary fee.
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None of the vacancies in these columns relates to a man between the ages of 18 and 50, inclusive, or a woman between the ages of 18 and 40, inclusive, unless he or she is excepted from the provision of the Control of Engagement Order, 1947, or the vacancy is for employment excepted from the provisions of that Order.

SITUATIONS OPEN

8/6 for 36 words or less, 3d. for every additional word

RETAIL (HOME)

ASMART, young, qualified assistant required; male or female. No N.H.I. No Sunday or holiday duty. Please state usual particulars. Early Bunn, Ltd., Chemists, 95 High Street, Chelmsford, Essex.

ASSISTANT, qualified, required for City pharmacy. No Saturday afternoon or Sunday duty. Apply B. Hooper & Co., 6 Railway Place, Fenchurch Street, E.C.3.

BIRMINGHAM. Qualified assistant for dispensing. Lady or gentleman. Permanent post. No Sunday or holiday work. Reply giving experience, age and salary to Sidney H. Blunt, Ltd., 106 Bordesley Green, Birmingham, 9.

BRISTOL. Assistant for dispensing and counter. Middle-age. Comfortable situation. Usual particulars. Butler, 42 Old Market Street, Bristol.

BRISTOL. Pharmacist required to manage shop in suburbs. Congenial post. Easy hours. State salary required, 1/935, C. & D. Office.

CHEMISTS' assistants (ladies) wanted for clerical work in the N.H.I. checking bureau and stock-pricing departments. Apply National Pharmaceutical Union, 4/5 Queen Square, W.C.1.

DERBY Co-operative Provident Society, Ltd., requires pharmacist (lady or gentleman) as qualified assistant. Valuable opportunity for recently qualified person seeking experience for positions of responsibility. Attractive conditions. Large staff employed. Apply by letter, stating full particulars to Secretary, Albion Street, Derby.

EXPERIENCED man, preferably qualified, required for high-class West London pharmacy. Excellent prospects and salary. Apply with full particulars to 1/578, C. & D. Office.

FARNHAM. Unqualified dispensing assistant, male or female, required for busy dispensing branch. Good salary; permanency. Apply to Retail Staff Dept. (Drug), Timothy Whites & Taylors, Ltd., 70 Vauxhall Bridge Road, S.W.1.

KENT. Unqualified, experienced assistant (lady or gentleman) required in old-established, good-class business. Please give full particulars in first letter of experience, age, salary expected, etc., and say when disengaged. William J. Peacock (Chemists), Ltd., 39 High Street, Sittingbourne.

MIDDLESBROUGH Co-operative Society, Ltd., require pharmacist (either sex), permanent, superannuation scheme. Living accommodation available. Applications to General Manager, Emporium, Middlesbrough.

ORRIDGE & CO., Employment Agency, 184 Strand, W.C.2. Temple Bar 9212/3. Branches at Southampton and Birmingham. Enquiries invited from all employers seeking staff. Many pharmacists and unqualified assistants available for retail and wholesale. Representatives also requiring situations. Reasonable terms. Write to 184 Strand, W.C.2 for particulars.

PHARMACIST, with optical qualification preferred, required for busy market town pharmacy. Excellent prospects and permanency. House available shortly. State age and salary required. Brownlow, Chemist, Melton Mowbray.

PHARMACIST, recently qualified as senior assistant with view to management. Central London. Progressive salary. Apply, 146 Holborn, E.C.1.

PHARMACIST-Optician for large Pharmacy in main South Birmingham suburb. Application to Walsh, Superintendent Chemist, Tascos, Co-operative Chemist, Ltd., Birmingham.

QUALIFIED manager required immediately for branch pharmacy near Wrexham. Good prospects with old-established chemist's business. Please apply with full particulars, copies of references and salary required, to L. Rowland & Co., Ltd., Mitre Buildings, Brook Street, Wrexham, North Wales.

QUALIFIED dispenser required urgently by business partnership in Midlands. Apply giving full particulars to Drs. Frier and Allan, Spitalgate House, Grantham, Lincs.

SEVERAL vacancies occur for pharmacist branch managers in various parts of the London area. Positions offer security of tenure and prospects of promotion. Application in first instance to Superintendent Chemist, London Co-operative Chemists, Ltd., 54 Maryland Street, Stratford, E.15.

SUSSEX. Qualified and unqualified lady, for good-class dispensing business. No Sunday or half-day duties. Accommodation found. Apply with usual particulars, Mills, Chemist, 36 Church Street, Eastbourne.

THE Royal Arsenal Co-operative Chemists, Ltd., have vacancies for qualified and unqualified pharmacists at their branches in South-East and South-West London. Good opportunities for promotion and holidays with pay. Apply in writing, stating age, experience and salary required to the Staff Manager, Royal Arsenal Co-operative Chemists, Ltd., 113 Powis Street, Woolwich, S.E.18.

THE STOCKPORT Co-operative Society, Ltd., invite applications for the position of qualified assistant pharmacist, male or female, permanent, progressive position with good remuneration. Apply, stating age, wage, and experience, to The Secretary, Stockport Co-operative Society, Ltd., Chestergate, Stockport.

TIMOTHY WHITES & TAYLORS invite applications from pharmacists for vacancies as qualified managers and assistants for branches in all parts of the country. Good conditions of employment are offered, including a superannuation scheme, and there are excellent prospects for any pharmacist with ability and energy to make a successful career with the company. Convenient interviews will be arranged to suit applicants. Letters of application, stating district preferred (if any), should be addressed to: Retail Staff Manager (Drug), Timothy Whites & Taylors, 70 Vauxhall Bridge Road, London, S.W.1.

TIMOTHY WHITES & TAYLORS have vacancies for experienced unqualified assistants, male or female, in Greater London and the South of England. Permanent appointments offered; good conditions. Apply by letter to: Retail Staff Manager (Drug), 70 Vauxhall Bridge Road, London, S.W.1.

TIMOTHY WHITES & TAYLORS, LTD. have a vacancy for an experienced unqualified assistant for dispensing and counter duties at their branch at Dover. Good salary paid to first-class man. Convenient interviews arranged. Apply with full particulars, to Retail Staff Dept., Timothy Whites & Taylors, Ltd., 70 Vauxhall Bridge Road, London, S.W.1.

WANTED, fully qualified chemist branch manager; no half day or Sunday duties; good wage and conditions. Apply The Co-operative Society, Ltd., Ashton-Under-Lyne.

UNQUALIFIED assistants experienced in dispensing. Central London. Progressive salary. Permanency. Apply, 146 Holborn, E.C.1.

NQUALIFIED, required. Male and female for dispensing and counter work. Salary and com-ion. Half-day Thursday, no Sunday work. y James Dawe & Co., Ltd., 106 King's Cross d, W.C.1.

ORK Co-operative Chemists' Society require services of a qualified pharmacist to act as tant at the society's central premises. Superan-ted, permanent position with opportunity for gress. No Sunday or half-day duties. Short s. Would suit newly qualified wishing to gain rience in busy Co-operative pharmacy. Apply, g full particulars to General Manager, 22 Rail-Street, York, endorsed "Pharmacy."

RETAIL (OVERSEAS)

ANGOON. Qualified assistant required by leading firm of wholesale and retail chemists. not over 26, unmarried, 3 years' engagement. ry Rs. 700 per month first year, Rs. 750 p.m. nd, Rs. 800 third year. Holiday home after e years, passage paid out and home. Free lical attention. Apply with particulars of ex-ence, qualifications and references to Frank Ross Co. (London), Ltd., 4 Lloyd's Avenue, E.C.3.

WHOLESALE

QUALIFIED chemist with a chemical and/or pharmaceutical qualification required as an stant to the manager of the manufacturing de-tment of a West London firm of manufacturing mists. Commencing salary £550. Write, giving details of age, experience and qualifications, to 59, C. & D. Office.

VACANCY will shortly occur on the publishing staff of THE CHEMIST AND DRUGGIST for a resentative for the London and district area. The ition is a permanency and offers good prospects. plications are invited from qualified pharmacists ing good sound knowledge of drug trade market-. Advertising experience an advantage. Corres-ndence will be treated confidentially and applica-ns, which should include details of age, experi-e, ability, and remuneration expected, should addressed to the Staff Director, Morgan Brothers ublishers), Ltd., 28 Essex Street, Strand, London, C.2.

CTIVE representative required by old-estab-lished manufacturers of household products d toilet preparations to cover West and North-est London and adjoining Home Counties. Salary, mmission and expenses paid to the right man, o should have a good connection with Co-ops., emists, stores, grocers, etc. Car owner preferred. 972, C. & D. Office.

NALYST required with pharmaceutical and/or scientific qualification to exercise control of oduction. Knowledge of Food & Drugs Act. Per-nent position to satisfactory applicant. Apply, th full particulars of experience and remunera-n, to John Richardson & Co., Ltd., 62 Evington alley Road, Leicester.

PPLICATIONS are invited by well-established and progressive nationally known C.E. house m salesmen thoroughly experienced in handling idely advertised proprietaries. Age between 40 d 50. Must have first-class selling record with emists in Home Counties (North of Thames) and st Anglia and possess own car. Salary and com-ission; permanent, well-paid and progressive post ght man. Write, stating age and experience in ll detail. 1/930, C. & D. Office.

ASSISTANT required for works laboratory of small pharmaceutical manufacturers, North London. Five-day week. Applications, stating full particulars of experience, age, salary, of persons willing to be trained for specialised work are invited to 1/922, C. & D. Office.

CHEMIST, experienced in pharmaceutical and food products, willing to take charge of factory with expanding business. Good salary with excellent prospects. 1/945, C. & D. Office.

DIRECTORS of company (themselves pharmacists) manufacturing sundries will be pleased to meet young chemist, experienced formulation, design, manufacture packed pharmaceutical, household products. To man of initiative, company offers exceptional opportunities and interest in results. 1/933, C. & D. Office.

FIRST-CLASS representatives required by manufacturers of first-class, attractively packed pharmaceutical products. Agencies on commission considered. Existing accounts transferred. Territories: 1. West Country. 2. Wales. 3. Scotland. 4. South London, Surrey, Sussex and Hants. Established connections with chemists, stores and Co-ops. Own car essential. Splendid prospects and fullest support for ambitious and capable workers. Send complete details in first case. Age, experience and references, etc., 1/968, C. & D. Office.

GENEROUS commission offered to salesmen calling on chemists, hairdressers and stores in Home Counties, Lancashire, Cheshire and Wales. Write for details to 1/902, C. & D. Office.

IMPERIAL Chemical (Pharmaceuticals), Ltd., have a vacancy in their publicity section for a senior assistant with thorough knowledge of production and capable of originating and executing rough layouts for all forms of publicity material. Some knowledge of the pharmaceutical trade an advantage. This post is exempted from the Control of Engagements Order, 1947. Applications, with full particulars, should be addressed to the Staff Section, "The Ridge," Beechfield Road, Alderley Edge.

JOHN KNOX (Stoke-on-Trent), Ltd., have vacancies for representatives for the Manchester and West Riding districts. Apply by letter, giving full particulars of experience and capabilities to Jaynox Works, King Street, Fenton, Stoke-on-Trent.

LANCASHIRE & Yorkshire. Two vacancies occur for representatives in these areas to call on retail chemists. Progressive posts. Remuneration by salary and expenses. Apply by letter, giving full particulars of age, experience and salary wanted to Sales Manager, Westminster Laboratories, Ltd., Chalcot Road, London, N.W.1.

LONDON distributing house carrying good repeating lines have vacancies for conscientious commission agents calling on chemists and ladies' hairdressers. Application to H. J. Write Box 966, c/o George Murray (Advertising), Ltd., 184 Strand, London, W.C.2.

McCLURE, YOUNG & CO., LTD., have vacancy for representative for South-Western Counties; own car essential. The position carries a high salary for a really efficient and experienced drug salesman; one who lives on the territory preferred. Write, Managing Director, McClure, Young & Co., Ltd., Standard Road, Park Royal, N.W.10.

MANUFACTURING chemists require first-class representative for Glasgow and S.W. Scotland. Essential qualifications, first-class, live, energetic man capable of large turnover with established connection chemists, hairdressers, grocers, ironmongers, etc. Own car essential. Salary, car allowance, expenses and commission. Send full details, experience, age, etc., with first letter. Write 1/914, C. & D. Office.

MANUFACTURERS of first quality and splendidly packed specialities in popular demand require 4 hardworking, conscientious representatives or commission agents. Must be capable of maintaining and increasing existing accounts. Territories vacant: 1. Whole of Wales. 2. Scotland. 3. Lancashire and Cheshire. 4. West Country. Preference to men under 40 with established connections amongst retail and wholesale chemists, Co-ops., stores, and own car. Fullest details required in confidence. Incomplete applications will not be considered. 1/934, C. & D. Office.

MANUFACTURERS of established cosmetic speciality require live sales representative already calling on chemists, drug and department stores. Area: Somerset, Wiltshire, Hampshire, Dorset, Devon and Cornwall. Commission basis. 1/926, C. & D. Office.

MANUFACTURING chemists specialising in emulsifiers and allied products require experienced representatives in N. London, S. Wales and Newcastle areas. Payment by salary, commission and expenses. 1/961, C. & D. Office.

MANUFACTURERS of established cosmetic speciality require live sales representative already calling on chemists, drug and department stores. Area: Bedfordshire, Hertfordshire, Buckinghamshire, Oxfordshire, Berkshire, Surrey, Middlesex and Sussex. Commission basis. 1/927, C. & D. Office.

OLD-ESTABLISHED firm of manufacturing chemists specialising in ethical pharmaceutical preparations will have vacancies on their representational staff at the end of this year for 2 qualified pharmacists. One to live in the Bristol area and work South-West England and South Wales, and the other to live in the Midlands and work the Midlands and East Anglia. Preference given to men with established connection with retail chemists, and own car. Existing clientele will be given to them. Vacancies due to retirement. Consideration will be given only to applications giving complete details in confidential first letter to 1/860, C. & D. Office.

OPTREX LTD., require qualified pharmacist with hospital experience with knowledge of bacteriology. Permanent position with prospects of advancement. Pension scheme in operation. Salary according to experience. Send full particulars to the Manager, Optrex, Ltd., Wadsworth Road, Perivale, Greenford, Middlesex.

PHARMACISTS. A first-class manufacturing house requires men of good address, unimpeachable character, and knowledge of drug trade. Posts requiring to be filled include outdoor representation (previous travelling experience not essential) and indoor appointments. Apply, with full details of education and experience in the first instance, to 1/964, C. & D. Office.

PROGRESSIVE firm requires representative in the London area and South-East Counties. Not afraid of hard work; every assistance given; progressive appointment. Another agency not objected to. Commission and part expenses. 1/943, C. & D. Office.

QUALIFIED chemist. Executive post. Wholesale chemists supplying chemists, doctors and veterinary surgeons, as under manager, with view to succession. Replies treated in confidence. 1/931, C. & D. Office.

QUALIFIED chemist with chemical or pharmaceutical qualifications required for the analytical control laboratory of a toilet and perfumery factory in North-West London. The position is a permanent one. Commencing salary £450. Write giving full details to 1/874, C. & D. Office.

REPRESENTATIVES with established connections with chemists required by manufacturers of household commodity (nursery) in daily use. Very liberal commission terms. Car essential. 1/971, C. & D. Office.

REPRESENTATIVE for Sussex and Hampshire required by established provincial wholesale house. Salary, commission and expenses. 1/932, C. & D. Office.

REPRESENTATIVE to contact retail chemists in the Midlands required by manufacturing chemists of high standing. Good salary and expenses will be paid to the right applicant. Give full details of experience, age and salary expected. 1/962, C. & D. Office.

REPRESENTATIVES required on commission basis in all parts of U.K. for strongly advertised speciality with widest possible appeal. Generous commission. Exceptional opportunity to get in on the ground floor with a new line that is making rapid headway. Write, giving details to 1/960, C. & D. Office.

REPRESENTATIVES (must be car owners) are required by a leading firm of manufacturing chemists for the following territories (a) Midlands; (b) Yorkshire; (c) South Wales. Only experienced men with a sound knowledge of pharmacy, therapeutics, surgical instruments, etc., need apply. Salary £350 p.a., with commission and car allowance. 1/906, C. & D. Office.

REQUIRED, good speciality traveller to handle smart range of pharmaceutical products, must have experience in calling on grocery trade and be willing to travel in any part of the country. One living in the Midlands or Northern Counties preferred. Remuneration by salary and expenses. Also a representative required for a London territory. Apply with fullest particulars to Kempac Ltd., Bradford Road, Batley.

SHARP & DOHME, Ltd., require the services of keen and ambitious pharmacists to fill positions on their representative staff. Territories vacant include the Midlands and London. Applications are invited from men who are interested and capable of conducting medical propaganda at the highest level and in selling ethical products to chemists. Remuneration by salary, commission and expenses. Please submit details of experience and availability for interview, enclosing photograph if possible, to: Sales Manager, Sharp & Dohme, Ltd., Hoddesdon, Herts.

SHORTHAND-TYPIST required by City export company as assistant to drugs and chemicals buyer. Experience of markets and commodities would be an advantage. Reply in first instance by letter to Anglo-African Shipping Co. (S.A.), Ltd., 99/100 Fenchurch Street, London, E.C.3.

TRAVELLER required with connections for Warwickshire, Notts and Worcs. To call on chemists, stores and Co-operative societies with chemists' sundries and fancy goods. Car an asset. Wages, commission and expenses to the right man. When replying, please give particulars of present employ, connection and references, 1/903, C. & D. Office.

TRAVELLER required with experience of calling on grocery trade in the Dorset and Hampshire area; one with knowledge of packed pharmaceuticals, and car owner preferred. Remuneration by salary, expenses and commission. Apply Kempac Ltd., Bradford Road, Batley.

VACANCIES exist for representatives calling on chemists, stores and hairdressers, whole or part time over a few counties of England and Wales and the whole of Scotland, by wholesale chemists and distributors of well-known toilet preparations and medicated lines of bulk and packed goods. 1/969, C. & D. Office.

ELL-KNOWN proprietary house requires a first-class representative, for Lancs, Cheshire, th Wales, Westmorland, Cumberland. Car an t. Domicile Lancs. Only a man with excellent nections with retail chemists, wholesalers, Co-op. g departments and stores, need apply. State , past experience, and when free to commence. 70, C. & D. Office.

RIGHT, LAYMAN & UMNEY, LTD., require Bachelor of Pharmacy or Pharmaceutical emist for work in analytical laboratory. Age 30 years. Previous experience in a similar posi- n would be an asset. Prospects are good for an rgetic and able worker. A staff pensions scheme n operation and the normal working week is 5 s. Write, giving brief details of personal history d experience, stating salary required, to Managing ector, 46 Southwark Street, London, S.E.1.

MAS representatives and agents requiring Christmas novelties and gift lines are invited communicate, giving particulars of territory. M/BONHEURE, W.C.2.

WHOLESALE (OVERSEAS)

HEMISTS urgently required by large company operating in the Middle East. Will be em- yed either on development or process work and uld be prepared initially to undertake shift work process plant; should possess B.Sc. degree and eferably have had subsequent industrial experi- ce. Age not over 30. Single men preferred. arting salary not less than £500-£600 p.a. accord- g to qualifications, together with a generous allow- ce in local currency, also free furnished bachelor commodation, free passages out and home; free edical attention; kit allowance; provident fund nefits. Applicants must be of full British parent- e and should write stating age, qualifications and perience, to Dept. F.18, 162/462, C. & D. Office.

LANT chemists urgently required for process plant operations by large company operating in e Middle East. Applicants need not be graduates t should have had a chemical training up to ter B.Sc. or National Certificate Standard with perience of shift work in either a gas, coke oven chemical works. Age not over 30. Salary in erling between £540 and £600 per annum plus nerous allowances in local currency, with free rnished bachelor accommodation, passages out d home, medical attention, also kit allowance and ovident fund benefits. Apply stating age, quali- ations and experience, etc., to Dept. F.22, 2/461, C. & D. Office.

SITUATIONS WANTED

- for 18 words or less, 1d. for every additional word

RETAIL (HOME)

ASSISTANT, experienced dispenser, salesman. Active, elderly, unqualified status. C/o Miss uinn, 2 Laxey Road, Green Street Green, Farn- orough, Kent.

HEMIST (50), requires responsible position, retail or wholesale. Apply with full particu- rs. 1/911, C. & D. Office.

DISPENSER (Hall) desires whole or part-time work. Miss Bailey, 15 Holly Hill, Hampstead, .W.3.

LOCUMS SEEKING ENGAGEMENTS

HEMIST free to undertake locum work. Apply with full particulars. 1/912, C. & D. Office.

WHOLESALE

EXPERIENCED representative with connection in Kent, Sussex and Hampshire, desires position with good firm. 1/954, C. & D. Office.

MEDICAL representative over directional age, experienced in calling upon doctors, hospitals and chemists, South Coast. Energetic and good medical knowledge. 1/977, C. & D. Office.

PHARMACIST, age 34, wishes to explore selling possibilities on the Continent. First-class drug and other houses interested, apply 1/952, C. & D. Office.

QUALIFIED lady chemist, neat, reliable, with sound analytical all-round knowledge and experience in manufacture and control of powders, pastes and cements, seeks permanent, progressive post. 1/963, C. & D. Office.

REPRESENTATIVE covering all Yorkshire chemists and stores requires one or two, preferably branded, lines. Complete and genuine coverage assured. 1/955, C. & D. Office.

REPRESENTATIVE with connection chemists, South and West of England, desires position with firm of repute. 1/925, C. & D. Office.

REPRESENTATIVE, 33, wants change. Car owner. North-East Lancs and/or West Riding. Particulars please, to 1/975, C. & D. Office.

REPRESENTATIVE with current accounts, several West End stores, also leading chemists and public health departments throughout London, W. and N.W. areas, and whole of Middlesex, desires change; must be progressive company, but not necessarily nationally advertised. Present salary £400, commission and expenses. Own car, telephone and excellent references. Replies treated strictly confidential. 1/951, C. & D. Office.

SALES executive and senior representative of important company now forming own sales organisation desire one or two additional lines suitable for chemists, Co-operative societies, etc. Already representing first-class food house in South and West, and have additional important contacts throughout the Country. Willing to consider any reasonable proposition from house of repute and in return will guarantee coverage and results. 1/921, C. & D. Office.

APPOINTMENTS

CROWN AGENTS FOR THE COLONIES

Applications from qualified candidates are invited for the following post:—

PHARMACIST required by the Government of Uganda for the Medical Department for one tour of 2 to 3 years with prospect of permanency. Commencing salary according to age and war service in the scale £372, rising to £600 a year. Cost of living allowance on a salary of £372 is £43 for a single man and for a married man between £85 and £164 a year according to number of children. Outfit allowance £30. Free passages and quarters. Candidates must be Members of the Pharmaceutical Society of Great Britain. Apply at once by letter, stating age, whether married or single, and full particulars of qualifications and experience and mentioning this paper to the Crown Agents for the Colonies, 4 Millbank, London, S.W.1, quoting M/N/18210 on both letter and envelope.

CITY HOSPITAL, NOTTINGHAM

Applications are invited for the position of Dispenser (Apothecaries' Hall qualification) at the City Hospital, Hucknall Road, Nottingham; duties to commence on or before 3rd November, 1947.

Salary £270 p.a., rising by annual increments of £10 to £320, and then by three long-service increments of £10 every fourth year, to £350.

The appointed person will work under the direction of the Chief Pharmacist and may be called upon to do duties at one or other of the out-relief dispensaries in the City.

A knowledge of shorthand and typewriting would be an advantage.

The position is superannuated and the successful applicant must pass a medical examination.

Applications to be sent, with copies of two recent testimonials, to:—

The Chief Pharmacist,
City Hospital,
Hucknall Road,
Nottingham.

J. E. RICHARDS,
Town Clerk.

The Guildhall, Nottingham.
September 30, 1947.

CLERK (male or female, 18-25 years) required by MIDDLESEX COUNTY COUNCIL for WEST MIDDLESEX COUNTY HOSPITAL, Isleworth, Middlesex. Established. Good education, book-keeping, filing, typing and shorthand an advantage. Commencing salary from £115 p.a.-£250 p.a. plus any temporary bonus (now £31 6s. at 18-£60 p.a. for adults). Hours 9 a.m.-5 p.m. Half-day 9 a.m.-12 noon. Staff canteen. Applications with copies of up to three testimonials to CHIEF PHARMACIST of Hospital (quoting C.785 C.D.).

LONDON COUNTY COUNCIL

PART-TIME ASSISTANT PHARMACISTS required for duty at:—

Leavesden Hospital, Abbot's Langley, Herts.
Tooting Bec Hospital, Tooting Bec Road, S.W.17, and
St. Lawrence's Hospital, Caterham, Surrey.
Candidates must be Registered Pharmacists.

Wages, five shillings and sixpence an hour for a maximum of 21 hours a week. Apply to Physician Superintendent at Hospital. (3146.)

MIDDLESEX COUNTY COUNCIL

ASSISTANT PHARMACIST for HAREFIELD COUNTY HOSPITAL, Harefield, Middlesex (Registered essential), J.N.C. (Hosp. Staffs) salary £370 inclusive; annual increments up to £450 p.a. considered. Similar experience may determine commencing salary. Recently qualified pharmacists eligible. Whole-time, unestablished, possible establishment; subject to medical examination. Application stating age, quals., exper., with copies of up to 3 recent testimonials to MEDICAL DIRECTOR at Hospital, IMMEDIATELY. No forms (quote C 292 C D).

C. W. Radcliffe,
Clerk of the County Council.

Middlesex Guildhall, S.W.1.

SURREY COUNTY COUNCIL

ASSISTANT PHARMACIST required at:—

EPSOM COUNTY HOSPITAL, Dorking Road, Epsom.

Commencing salary on grade £370 x £15—£430 x £20—£450 p.a. inclusive.

Applications in writing, stating age, qualifications, and experience, with copies of not more than three recent testimonials, should be sent to the Medical Superintendent of the Hospital.

ST. MARYLEBONE & WESTERN GENERAL DISPENSARY

48 COSWAY STREET, N.W.1.

Wanted. Part-time Dispenser, minor qualification, hours 9—1 Monday to Friday. Salary £220. F.S.S.N., etc., to start Nov. 1. Applications with three copies testimonials to Secretary.

AGENCIES

17/6 for 36 words or less, 4d. for every additional word

A WELL-CONNECTED manufacturers' agent with Manchester office and staff would be pleased to hear from manufacturers who would like to be represented. 1/956, C. & D. Office.

AGENTS required for the distribution of well-known pharmaceutical products. Good prospects. London area. Apply to 1/966, C. & D. Office.

CAPABLE agent, having entrée to wholesalers and Co-ops. in Manchester area, can place substantial business; bulk quantities, regular or odd lines. 1/941, C. & D. Office.

EXPORT markets. Tablet manufacturers with branded lines are anxious to commence export trade. Keen, able concern prepared to handle on an exclusive agency basis. Hard currency markets preferred. 1/979, C. & D. Office.

BUSINESS OPPORTUNITIES

17/6 for 36 words or less, 4d. for every additional word

LET us handle the sale of your speciality. Good results. W. M. Gardner & Co., Ltd., 68 Kilburn Park Road, London, N.W.6. Telephone Maida Vale, 6205.

NATION-WIDE sales organisation with remarkable record of successful merchandise is open to consider one or two lines. Only branded lines offering possibilities of big permanent business are of interest. Box S.551, c/o Erwoods, Ltd., 211 Piccadilly, London, W.1.

BUSINESSES WANTED

8/6 for 36 words or less, 3d. for every additional word

DRUG Store wanted by ex-Serviceman. Capital available for purchase if necesary. Would consider chemists or surgical store. B.W., 11 Frognal Court, N.W.3. Tem. 2838.

HIGH-CLASS pharmacy required in London postal area or very near. Net profit to be at least £1,500. 1/980, C. & D. Office.

WANTED. Drug and surgical store, or suitable lock-up shop for same, London or near. T. M. W., 20 St. James Lodge, Lower Addiscombe Road, Croydon, Surrey.

BUSINESSES FOR DISPOSAL

6 for 36 words or less, 3d. for every additional word

DRUGGIST'S business for sale, East Coast town. Long established. Owner retiring. Opportunity to add photography and N.H.I. Splendid accommodation. Price, including freehold, £3,650. Stamped addressed envelope for reply. No agents. 1/957, C. & D. Office.

STOCKPORT (Heaton Norris). Owing to death of proprietor. Old-established chemist's shop with separate living accommodation. Populous district; no opposition. Takings £4,000 per year (includes £1,000 N.H.I.). Full particulars from C. Taylor & Sons, Auctioneers, 31 Lloyd Street, Manchester, 2. Tel. BLAckfriars 4418.

MISCELLANEOUS SALES

7/6 for 36 words or less, 4d. for every additional word

ALBRE single head Major Liquid Filling machine with platform (new) for sale. Replies to 1/974, C. & D. Office.

BOTTLES, lots for disposal. 25 gross each, 1, 2-oz. cylindricals. 25 gross each, 1¾-oz., 3½-oz. fancy perfumery. 20 gross each, 1, 2 dram perfume types. All complete with bakelite caps. Subject to being unsold. 1/973, C. & D. Office.

CAFFEINE Alkaloid. Surplus stock. 56 lbs. available from stock. What offers? 1/958, C. & D. Office.

EX-R.A.F. surplus panchromatic roll film for sale on spools 5½" wide; various lengths from 8 ft. to 150 ft. Price 7½d. per foot to registered dealers. 1 ft. will re-spool 2 x 120 films. All tested material. 1/948, C. & D. Office.

FILLING machine for sale. "Alite." Complete with control discs, worm, funnel, and motor. Machine is little used and in new condition. Ozonol Laboratories (1930), Ltd., New Wharf Road, King's Cross, N.1.

FOR SALE, amber panel tabs, screwneck, ¼-oz.-3½-oz., glass tubes, 11-26 mm. dia., 2"-6" long. ½-oz. and 1-oz Cannons and 1-oz. medical flats. ½-oz. and 2-oz. tall jars and squat jars. 2-dr., 4-dr., ½-dr. and 2-oz. toilet bottles. Enquiries from fillers only, to 1/967, C. & D. Office.

FOR SALE. 5 cwt. crude Chinese camphor. 1 cwt. Agar Agar. 1/950, C & D. Office.

FOR SALE to registered manufacturers. Triple pressed stearic acid. Apply, Burdall's Ltd., Hillsborough Works, Sheffield, 6.

ODOURLESS water white oil for pharmaceutical purposes. A few surplus drums available. Enquiries to Machin & Rowlands, 18 Pride Hill, Shrewsbury.

SEAMLESS TINS. 1 or 2 oz capacity. Lever lids, 30/- per gross, carriage forward. Packed in 10 gross cartons. Parekem Products, 41 Fountain Street, Manchester. Central 3031.

TECHNICAL white oil (grade 30), odourless, in 10 gallon or 40 gallon drums at 8/10 per gallon, carriage paid, drums free. 1/938, C. & D. Office.

3 ONLY, single punch tableting machines, as new; maximum tablet ¾" diameter. 6 small tableting machines maximum tablet ⅜" diameter. Can be seen working. No reasonable offer refused. Three Crowns Tablet Co., 21 Derringham Street, Hull.

8-HYDROXYQUINOLINE sulphate. Up to 400 lb. at 22/- lb., ex works. Sample on request. 1/944, C. & D. Office.

15 CWT. good quality surplus medicinal tablets for disposal: Bronchials, antiseptic breath purifiers, mint flavoured throat, sulphurs. All first-class formulas. Samples sent. No reasonable offer refused for whole consignment. Minimum 1 cwt. one line. 1/936, C. & D. Office.

100 gross 1/6 tins Bronchials, sugar base. 70 gross 1/6 blood tonic tablets (display outers), 25 gross 1/3 and 100 gross 6d. pain relieving tablets (display outers). Also 3, 6 & 7 tablet bottles. Offers? 1/939, C. & D. Office.

FOR SALE

8/6 for 36 words or less, 3d. for every additional word

BARGAIN offer. Halex and/or Addis toothbrushes. Guaranteed perfect. 4 row Nylon. 8/6 dozen, inclusive Tax and Carriage. 100 dozen 8/-. Send order now. Also, Inecto, Drene, Gillettes, Ever-ready, Cussons, etc. Germwell Wholesale Supplies, 395 New Cross Road, S.E.14. Tideway 2725.

BOTTLES. 15 gross 4 oz. fancy toilet, with white bakelite caps. Phone Regent 3353.

REGISTERED Trade Mark relating to medicated powders for internal human use, together with stock of cartons and powder wrappers. No goodwill required. 1/965, C. & D. Office.

ROBERTS' patent tin filling machine. Unused. For sale. BCM/BONHEURE, W.C.2.

SMALL surplus stock of rubber bands in all sizes, made from high quality rubber offered for packing purposes at lowest prices. Feather supplies, Ltd. (Rubber Dept.), 7 Cambridge Avenue, Kilburn, N.W.6.

SALES BY AUCTION

By Order of the Minister of Supply.

TWO WEEKS' SALE at M.O.S. Storage Depot,
THORP ARCH,
Nr. Wetherby, Yorks W.R.

Auction Sale of Government
SURPLUS STORES
and GENTRAL EQUIPMENT,
including: —

CHEMICALS, etc. Boric Acid, Triethanol Amine, Nitric Acid, Sodium Nitrate, Carbolic Acid, Zinc Chloride, Hypo sulphate of Soda, Formaldehyde, Sodium Carbonate, Silicate of Soda, Potassium Perchlorate, Sodium Sulphate, Mercury Nitrate, Copper Sulphate, Sodium Hydroxide, etc.

Also HARDWARE, Tools, Builders' Materials, Dyes, etc., and Miscellaneous Stores.

The above items can be viewed in bulk from Monday to Friday, October 20th to 24th inclusive from 10 a.m. to 4 p.m. to Catalogue Holders.

SALE to commence Monday, October 27th and to continue Monday to Friday for two weeks at 10.30 a.m. each day.

CATALOGUES of the Sale (to admit two on View Days and one only on Sale Days) may be had price 6d. at the Main Entrance Gate to the Factory or from the Auctioneer's offices (by post 9d.).

BARTLE & SON, Garforth, Leeds.

WANTED

8/6 for 36 words or less, 3d. for every additional word

A BIG price offered for home cines, cameras, or projectors. Bell-Howell, Kodak, G.B., etc. Also Leica, Contax and other precision cameras, enlargers, exposure meters, etc. Prompt cash. Wallace Heaton, Ltd., 126-7 New Bond Street, London, W.1.

AUTOMATIC cream filler wanted at once; big price paid. Shavex Co., Bavaria Road, Holloway, N.15.

BALL Mill, suitable for latex work required. Full details including price to 1/937, C. & D. Office.

B.P. Lactose (milk sugar) and white petroleum jelly required urgently in any quantities. 1/947, C. & D. Office.

GLYCERINE wanted, any quantities taken of B.P. quality. Cash by return. State quantity available and price required to 157/296, C. & D. Office.

GLYCERINE required. Manufacturing chemists wish to purchase glycerine, pharmaceutical quality, up to one ton. Offer to 1/577, C. & D. Office.

LIQUORICE and menthol pellets required in bulk. 1/640, C. & D. Office.

MANESTY Rotary "B" and "D" tablet machines wanted; any reasonable condition. 1/940, C. & D. Office.

REQUIRED. Reaction vessel, any size between 20 and 200 gals. capacity, suitable for hot hydrochloric acid, may be glass, glass lined, nickel-chrome or Keebush. Smaller and larger sizes may be considered. Full particulars and prices to Unicream, Ltd., 111/117 Broughton Lane, Manchester, 7.

SACCHARIN tablets or powder wanted by private pharmacist. Any quantity for cash. 1/942, C. & D. Office.

SACCHARIN tablets. Large quantities standard strength tablets, bulk or packed, required by private pharmacist. Also soln. ammon. hydrosulph. 8% or 16%. Cash against pro forma if references supplied. Write in strictest confidence to 1/978, C. & D. Office.

SHOP fittings required. Shop counter, dispensing counter, weighing machine, dispensing scales, etc. Please give dimensions, description and price. 1/976, C. & D. Office.

STEARIC acid triple pressed required in large quantities. 147/850, C. & D. Office.

WANTED, any quantity of para. chlor. meta. xylenol. State price to Knight's Oil & Chemical Co., Ltd., Church Road, Birmingham, 22B. Phone Birchfields 5271.

WANTED urgently. Stearic acid, all grades, any quantity. Samples and quotations to Harman Dietetic Laboratories, Ltd., Cavendish Works, North Parade, Burnt Oak, Middlesex.

WANTED Sodium percarbonate. Please state price and quantity to 1/953, C. & D. Office.

WANTED urgently: 10 gross each stoppered and C.M. 20 oz. bottles. Must be amber, win. shape. Good price paid. Reply 1/435, C. & D. Office.

26-OZ. and 13-oz. wine or champagne bottles required. 1/853, C. & D. Office.

PREMISES TO LET

PREMISES, suitable for small factory, consisting front shop adjoining room, and two small rooms; hot water, telephones, gas and electricity; lease 2 years. Rent £80 per annum inclusive. Small premium. Phone Regent 3353

TRADE MARKS

FOUR registered trade marks for sale in Classes 5, 30 and 32; suitable for pharmaceutical preparations; mineral and aerated waters, glucose products, etc. Marks so far unused. 1/946, C. & D. Office.

THE Trade Mark STANESE, registered under No. 647462 in respect of pharmaceutical preparations and substances was assigned on the 27th August, 1947, by John Charles, Ltd., of 415 Oxford Street, London, to Stanese, Ltd., of the same address without the goodwill of the business in which it was then in use.

EXPORT TRADE

EXPORTERS with stocks of Z.O. plasters, bandages, gauze, etc., seek markets in export trade; continuous supply. Paragon Drug Co., Ltd., 19 Eastcheap, London, E.C.3.

TENDERS

DEPARTMENT OF DEFENCE

Sale by Tender of (a) Surplus Medicines and Drugs (b) Surgical Instruments and Equipment and (c) Miscellaneous Containers.

The Minister for Defence, Dublin, will receive sealed tenders up to but not later than noon on the 22nd October, 1947, for the purchase of quantities of

(a) Surplus Medicines and Drugs;

(b) Surgical Instruments and Equipment; and

(c) Miscellaneous Containers,

located at the Base Medical Stores, Arbour Hill, Dublin, and at the Base Laboratory, St. Bricin's Hospital, Dublin.

Only Hospital Authorities, Medical Practitioners, Pharmaceutical Chemists, and Druggists may submit tenders for the purchase of the surplus Medicines and Drugs.

The items may be inspected at the Stores mentioned between the hours of 10 a.m. and 12 noon, and 2 p.m. and 4 p.m. on Tuesday, Wednesday and Thursday, the 14th, 15th and 16th October, 1947.

The items are being sold as they lie and the Ministry cannot accept any responsibility as to their quality or condition.

Tenders must be submitted on the official tender forms, copies of which, together with details of the items offered for sale, may be had on application to The Secretary, Department of Defence, S.4(c), Parkgate, Dublin.

Tenders will be considered for any quantities up to the maximum quantities offered for sale, subject to the condition that the units in which the medicines and drugs are packed will not be subdivided.

The Minister does not bind himself to accept the highest or any tender.

PEADAR MacMATHGHAMHNA,
Secretary.

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